



Automotive Products Selector Guide

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AUDIO ASSPs

| Device | Description | Power Dissipation Max (mW) | Supply Voltage Min (V) | Supply Voltage Max (V) | Operating Temp Min (°C) | Operating Temp Max (°C) | Package(s) |
|------------|--|----------------------------|------------------------|------------------------|-------------------------|-------------------------|------------|
| LC72725KV | RDS Demodulator | 100 | 3 | 5.5 | -40 | 85 | SSOP-16 |
| LC72717PW | Mobile FM Multiplex Broadcast Demodulator (DARC) Receiver | 100 | 2.7 | 3.6 | -40 | 85 | SQFP-64 |
| LC786965UW | Single Chip Digital Signal Processor LSI for Compact Disc Player | 540 | 3 | 3.6 | -40 | 85 | SQFP-144 |

AUDIO DSPs

| Device | Description | DSP Core (bits) | MIPS | RAM (kB) | Audio Inputs | Audio Outputs | Package(s) |
|-----------|---|-----------------|------|----------|-----------------------|--|--------------------|
| LC786820E | Compressed Audio Signal Processor IC with USB Host Controller | 24 | 64 | 320 | Analog x3, Digital x3 | Analog stereo x1, Analog mono x1, Digital x1 | PQFP-100, QIP-100E |
| LC786821E | Compressed Audio Signal Processor IC with USB Host Controller and Bluetooth | 24 | 64 | 320 | Analog x3, Digital x3 | Analog stereo x1, Analog mono x1, Digital x1 | PQFP-100, QIP-100E |

M-LVDS DRIVERS & RECEIVERS

| Device | Vcc Typ (V) | Operating Temperature (°C) | Signaling Rate (Mbps) | Input/Output Type | Driver Propagation Delay Max (ns) | Driver Rise/Fall Time Max (ns) | Driver RMS Period Jitter Max (ps) | Receiver Type | Receiver Propagation Delay Max (ns) | Receiver Rise/Fall Time Max (ns) | Receiver RMS Period Jitter Max (ps) | Package(s) |
|-----------|-------------|----------------------------|-----------------------|-------------------|-----------------------------------|--------------------------------|-----------------------------------|---------------|-------------------------------------|----------------------------------|-------------------------------------|------------|
| NBA3N200S | 3.3 | -40 to +125 | 200 | LVC MOS/MLVDS | 2.4 | 1.6 | 3.5 | Type 1 | 6 | 2.3 | 8 | SOIC-8 |
| NBA3N201S | 3.3 | -40 to +125 | 200 | LVC MOS/MLVDS | 2.4 | 1.6 | 3.5 | Type 1 | 6 | 2.3 | 8 | SOIC-8 |
| NBA3N206S | 3.3 | -40 to +125 | 200 | LVC MOS/MLVDS | 2.4 | 1.6 | 3.5 | Type 2 | 6 | 2.3 | 8 | SOIC-8 |
| NBA3N011S | 3.3 | -40 to +125 | 400 | LVC MOS/LVDS | 1.5 | 1.0 | N/A | N/A | N/A | N/A | N/A | SOT-23-5 |
| NBA3N012C | 3.3 | -40 to +125 | 400 | LVDS/LVC MOS | 3.5 | 0.8 | N/A | N/A | N/A | N/A | N/A | SOT-23-5 |

CLOCK GENERATORS

| Device | Input Level | Output Level | Vs Typ (V) | f _{in} Typ (MHz) | f _{out} Typ (MHz) | t _{Jitter(Cy-Cy)} Typ (ps) | t _{Jitter(Period)} Typ (ps) | t _{Jitter(Φ)} Typ (ps) | t _R & t _F Typ (ps) | t _R & t _F Max (ps) | Operating Temp (°C) | Package(s) |
|-----------|-----------------|--------------|------------|---------------------------|----------------------------|-------------------------------------|--------------------------------------|---------------------------------|--|--|---------------------|------------|
| NBA3N5573 | LVC MOS Crystal | HCSL | 3.3 | 25 | 25-200 | 2 | 1.5 | 0.4 | 340 | 700 | -40 to +105 | QFNW-16 |

TOUCH SENSORS

| Device | Sensing Method | Number of Sensing Inputs | Number of Sensing Outputs | Interface Control | Touch Sensing | Proximity Sensing | VDD Min (V) | VDD Max (V) | IDD Typ (μA) | Operating Temp (°C) | Package(s) |
|------------|-----------------------------------|--------------------------|---------------------------|-------------------|---------------|-------------------|-------------|-------------|--------------|---------------------|------------|
| LC717A30UJ | Mutual capacitance sensing method | 8 | 0 | I2C, SPI | Yes | Yes | 2.6 | 5.5 | 800 | -40 to +105 | SSOP-30 |
| LC717A30UR | Mutual capacitance sensing method | 8 | 0 | I2C, SPI | Yes | Yes | 2.6 | 5.5 | 800 | -40 to +105 | VCT-28 |

CMOS IMAGE SENSORS

| Device | Sensor/SOC | Resolution (MP) | Optical Format | Frame Rate | Pixel Size (µm) | Shutter Type | CFA | Ambient Operating Temp (°C) |
|----------|------------|-----------------|----------------|--|-----------------|----------------------------|----------------------------------|-----------------------------|
| AR0140AT | Sensor | 1 | 1/4" | 60 fps | 3 | Electronic Rolling Shutter | Color | -40 to +105 |
| AR0132AT | Sensor | 1.2 | 1/3" | 1.2 45 fps, 720p 60 fps | 3.8 | Electronic Rolling Shutter | Color, Mono, RCCC | -40 to +105 |
| AR0135AT | Sensor | 1.2 | 1/3" | 60 fps @ 720p, 54 fps @ full res | 3.8 | Global Shutter | Mono | -40 to +105 |
| AR0138AT | Sensor | 1.2 | 1/2.6" | 69 fps @ 720p | 4.2 | Electronic Rolling Shutter | RGB, RCCC | -40 to +105 |
| AR0144AT | Sensor | 1 | 1/4" | 60 fps @ 720p | 3.0 | Global Shutter | Mono | -40 to +105 |
| AR0147AT | Sensor | 1.3 | 1/4" | 60 fps w/ 3exp HDR, 30 fps w/ SE+T2 fps | 3.0 | Electronic Rolling Shutter | RGB | -40 to +105 |
| AR0220AT | Sensor | 1.7 | 1/1.8" | 60 fps | 4.2 | Electronic Rolling Shutter | RGB, RCCC, RCCB | -40 to +105 |
| AR0230AT | Sensor | 2 | 1/3" | 30 @ fps 1080p | 3.0 | Electronic Rolling Shutter | Mono, RGB | -40 to +105 |
| AR0231AT | Sensor | 2.3 | 1/2.7" | 60 fps full res @ 2 exp, 40 fps full res @ 3 exp | 3.0 | Electronic Rolling Shutter | RGB | -40 to +125 |
| AR0233AT | Sensor | 2.6 | 1/2.5" | 60 fps | 3.0 | Electronic Rolling Shutter | RGB, RCCB | -40 to +105 |
| AR0234AT | Sensor | 2.3 | 1/2.6" | 120 fps | 3.0 | Global Shutter | Mono, RGB | -40 to +85 |
| AR0237AT | Sensor | 2.1 | 1/2.7" | 60 fps | 3.0 | Electronic Rolling Shutter | RGB | -40 to +105 |
| AR0239AT | Sensor | 2.3 | 1/2.7" | 30 fps @ 3 exp, 90 fps @ 1080p | 3.0 | Electronic Rolling Shutter | RGB | -30 to +85 |
| AR0323AT | Sensor | 3.1 | 1/2" | 60 fps | 3.0 | Electronic Rolling Shutter | RGB, RCCB | -40 to +105 |
| AR0820AT | Sensor | 8.3 | 1/2" | 40 fps | 2.1 | Electronic Rolling Shutter | RGB, RCCC, RCCB | -40 to +105 |
| ARX550AT | Sensor | VGA | 1/5" | 66.37 fps @ full res | 3.8 | Electronic Rolling Shutter | RGB | -40 to +105 |
| MT9V024 | Sensor | WVGA | 1/3" | 60 fps | 6.0 | Global Shutter | Color, Mono, RCCC | -40 to +105 |
| AS0140AT | SOC | 1 | 1/4" | 60 fps | 3.0 | Electronic Rolling Shutter | RGB | -40 to +105 |
| AS0142AT | SOC | 1 | 1/4" | 45 fps at 1.0 MP, 60 fps at 720p | 3.0 | Electronic Rolling Shutter | RGB888, RGB565, YUV422 8-/10-bit | -40 to +105 |
| AS0147AT | SOC | 1.3 | 1/4" | 45 fps @ full res (3 exposure), 60 fps @ 720p | 3.0 | Electronic Rolling Shutter | RGB | -40 to +105 |
| AS0148AT | SOC | 1.3 | 1/4" | 45 fps @ full res (3 exposure), 60 fps @ 720p | 3.0 | Electronic Rolling Shutter | RGB | -40 to +105 |
| AS0149AT | SOC | 1.3 | 1/4" | 30 fps @ 1280 x 960 | 3.0 | Electronic Rolling Shutter | RGB | -40 to +105 |
| ASX340AT | SOC | VGA | 1/4" | 60 fps digital, 30 fps analog | 5.6 | Electronic Rolling Shutter | Color | -40 to +105 |
| ASX342AT | SOC | VGA | 1/4" | 50/60 fps | 5.6 | Electronic Rolling Shutter | RGB | -40 to +105 |
| ASX344AT | SOC | VGA | 1/4" | 60 fps NTSC, 50 fps PAL interlaced, 60 fps progressive | 5.6 | Electronic Rolling Shutter | RGB | -40 to +105 |
| ASX350AT | SOC | VGA | 1/5" | 60 fps digital, 30 fps analog | 3.8 | Electronic Rolling Shutter | Color | -40 to +105 |

IMAGE CO-PROCESSORS

| Device | Maximum Resolution | Supported Sensors | Frame Rate | HDR with ALTM | Dewarp | Spatial Transform Engine Software Add-on | Overlays | GPIOs | Sensor Interfaces | Output Interfaces | Input Clock (MHz) | Output Clock | Operating Temp (°C) | Package |
|----------|--------------------|--|---|---------------|-----------------|--|----------|---------|-------------------------------|---------------------------|-------------------|-----------------------------------|--|-----------|
| AP0100 | 1.2 MP | AR0132AT, AR0140AT, ARX550AT | 1.2 MP 45 fps 720p60 | Yes | Yes, Up to 165° | Yes, Multiple viewing options, PTZ | Yes | Up to 5 | 2-lane HiSPi, 12-bit parallel | NTSC/PAL, 16-bit parallel | 6-30 | 27 MHz (NTSC/PAL) 84 MHz parallel | -30 to +70 (CS Version) -40 to +105 (AT Version) | VFBGA-100 |
| AP0101 | 1.2 MP | AR0132AT, AR0140AT, ARX550AT | 1.2 MP 45 fps | Yes | No | No | No | Up to 5 | 12-bit parallel | 16-bit parallel | 6-30 | 84 MHz parallel | -30 to +70 (CS Version) -40 to +105 (AT Version) | VFBGA-81 |
| AP0102AT | 2.0 MP | AR0132AT, AR0140AT, AR0136AT | 30 fps @ 1080p, 45 fps @ 1.2Mp, 60 fps @ 720p | Yes | No | Yes | Yes | Up to 7 | Parallel and HiSPi | Up to 24-bit parallel | 6-30 MHz | 125 MHz | -40°C to +105°C | VFBGA-100 |
| AP0200AT | 2.0 MP | AR0132AT, AR0136AT, AR0140AT, AR0230AT | 30 fps @ 1080p, 45 fps @ 1.2Mp, 60 fps @ 720p | Yes | No | Yes | Yes | Up to 7 | 12-bit Parallel and HiSPi | Ethernet-MII, RMII, GMII | 10-29 MHz | 125 MHz | -40°C to +105°C | VFBGA-100 |
| AP0201AT | 2.0 MP | AR0132AT, AR0136AT, AR0140AT, AR0230AT | 30 fps @ 1080p, 45 fps @ 1.2Mp, 60 fps @ 720p | Yes | No | No | No | Up to 7 | 12-bit Parallel and HiSPi | Ethernet-MII, RMII, GMII | 10-29 MHz | 125 MHz | -40°C to +105°C | VFBGA-100 |
| AP0202AT | 2.0 MP | AR0132AT, AR0136AT | 30 fps @ 1080p, 45 fps @ 1.2Mp, 60 fps @ 720p | Yes | No | No | No | Up to 7 | 12-bit Parallel and HiSPi | Up to 24-bit Parallel | 10-29 MHz | 125 MHz | -40°C to +105°C | VFBGA-100 |

LED DRIVERS

| Device | Description | Topology | V _I Min (V) | V _I Max (V) | V _O Max (V) | I _O Max (ma) | f _{sw} Typ (kHz) | LEDs in Series, Max | LEDs in Parallel, Max | Package(s) |
|---------|--|---------------------------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|---------------------|-----------------------|---------------|
| CAV4201 | 350 mA High Efficiency LED Driver | Step-Down | 7 | – | 32 | 350 | 1000 | – | 1 | TSOT-23-5 |
| NCV3065 | 1.5 A Constant Current Inverting Switching Regulator for HB-LEDs | Step-Down; Step-Up; Step-Up/Step-Down | 3 | 40 | 40 | 1500 | 250 | 8 | 10 | DFN-8; SOIC-8 |
| NCV3066 | 1.5 A Constant Current Inverting Switching Regulator for HB-LEDs with Enable | Step-Down; Step-Up; Step-Up/Step-Down | 3 | 40 | 40 | 1500 | 250; Up to 300 | 8 | 10 | DFN-8; SOIC-8 |
| NCV7683 | Linear LED Driver, Octal, 100 mA Sequencing | Linear | | 40 | | 200 | – | 4 | 24 | SSOP-24 NB EP |
| NCV7685 | Linear LED Driver, 12-Channel, 60 mA | Linear | | | | 60 | – | 4 | 12 | SSOP-24 NB EP |
| NCV7691 | Current Controller for Automotive LED Lamps | Linear | 4.5 | 18 | 18 | 1000 | – | 3 | 8 | SOIC-8 |
| NCV7692 | Current Controller for Automotive LED Lamps | Linear | | 50 | | 1000 | – | 4 | 24 | SOIC-8 |
| NUD4001 | High Current LED Driver | Linear | 3.6 | 30 | 28 | 500 | – | 8 | – | SOIC-8 |
| NUD4011 | Constant Current Regulator & LED Driver | Linear | 3.6 | – | 200 | 70 | – | 100 | – | SOIC-8 |
| LC75760 | LED Driver, 12-Channel, Constant Current | Linear | 2.7 | 5.5 | 6.3 | 50 | – | 1 | 12 | SSOP-24 |

CONSTANT CURRENT REGULATORS

| Device | Max V _{ak} (V) | Cont I _{reg} (mA) | I _{reg} (%) | P _D (mW) | Package(s) |
|------------|-------------------------|----------------------------|----------------------|---------------------|------------|
| NSV50010Y | 50 | 10 | ±30 | 463 | SOD-123 |
| NSV45015W | 45 | 15 | ±20 | 463 | |
| NSV45030 | 45 | 30 | ±15 | 463 | |
| NSV45025 | 45 | 25 | ±15 | 463 | |
| NSV45020 | 45 | 20 | ±15 | 463 | |
| NSV45030A | 45 | 30 | ±10 | 463 | |
| NSV45025A | 45 | 25 | ±10 | 463 | |
| NSV45020A | 45 | 20 | ±10 | 463 | |
| NSV45035JZ | 45 | 35 - 70 | ±15 | 1389 | SOT-223 |
| NSV45020JZ | 45 | 20 - 40 | ±15 | 1389 | |
| NSI45030Z | 45 | 30 | ±15 | 1389 | |
| NSI45025Z | 45 | 25 | ±15 | 1389 | |
| NSI45030AZ | 45 | 30 | ±10 | 1389 | |
| NSV45025AZ | 45 | 25 | ±10 | 1389 | |
| NSV45060JD | 45 | 60 - 100 | ±15 | 2700 | DPAK |
| NSV45090JD | 45 | 90 - 160 | ±15 | 2700 | |
| NSV50150AD | 50 | 150 - 350 | ±10 | 4200 | |
| NSV50350AD | 50 | 350 | ±10 | 11000 | |
| NSV50350AS | 50 | 350 | ±10 | – | SMC |
| NSV50350AS | 50 | 350 | ±10 | 5800 | |
| NSVC2020JB | 120 | 20 | ±15 | 3000 | SMB |
| NSVC2030JB | 120 | 30 | ±15 | 3000 | |
| NSVC2050JB | 120 | 50 | ±15 | 3000 | |

LCD DRIVERS

| Device | Segments* | | V _{DD} (V) | Interface Voltage (V) | V _{LCD} (V) | Output Ports | PWM Channels | Package(s) | |
|---------|------------------------------|------------------------------|---------------------|-----------------------|----------------------|-----------------|--------------|------------|----------|
| | Static, 1/2 Duty | 1/3 Duty, 1/4 Duty | | | | | | | |
| LC75843 | 24 to 28, 46 to 54 | 66 to 78, 84 to 100 | 4.0 - 6.3 | 3.3 or 5.0 | V _{DD} | 4 | 3 | TSSOP-36 | |
| | 1/3 Duty | 1/4 Duty | | | | | | | |
| LC75829 | 147 to 159 | 192 to 208 | 4.5 - 6.0 | 3.3 or 5.0 | V _{DD} | 4 | – | SQFP-64 | |
| LC75806 | 198 to 231 | 260 to 304 | 4.5 - 6.0 | 3.3 or 5.0 | V _{DD} | 9 | – | TQFP-100 | |
| | 1/8 Duty | 1/9 Duty | | | | | | | |
| LC75812 | Dot matrix (5 x 7) x 13 + 65 | Dot matrix (5 x 8) x 12 + 64 | – | | | | | | |
| | Static, 1/2 Duty | 1/3 Duty, 1/4 Duty | | | | | | | |
| LC75805 | 38, 74 | 108, 140 | 48 channel | 4.5 - 5.5 | V _{DD} | V _{DD} | – | 7 | QIP-100E |

* Number of segments depends on 'common v segment' configuration.

MOTOR DRIVERS

| Device | Description | Operating Voltage Min (V) | Operating Voltage Max (V) | Output Current (mA) | T _j Max (°C) | Regulator Voltage (V) | Control Type | Motor Phase | Specified for Sensorless Motor | On-Chip Motor Controller | LIN Transceiver | SPI | Current Limit | Over Voltage | Thermal Shutdown | ASIL Level | Package(s) |
|---------------|--|---------------------------|---------------------------|---------------------|-------------------------|-----------------------|--------------|-------------|--------------------------------|--------------------------|-----------------|-----|---------------|--------------|------------------|------------|------------|
| LV8907UW | BLDC pre-driver with stand-alone speed control | 5.5 | 20 | 50 | 175 | 3.3 or 5.0 | PWM | 3 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | SQFP-48K |
| LV8968BBUWR2G | BLDC gate driver | 8 | 28 | 50 | 175 | 3.3 or 5.0 | PWM | 3 | | | | ✓ | ✓ | ✓ | ✓ | B | SQFP-48K |
| NCV7535 | 2x Half-Bridge PreDriver for Brushed DC motors | 6 | 18 | | 150 | 5 | PWM | 1 | | | | ✓ | ✓ | ✓ | | | TSSOP-20 |
| NCV7544 | 4x Half-Bridge PreDriver for Brushed DC motors | 7 | 18 | | 150 | 5 | PWM | 1 | | | | ✓ | ✓ | ✓ | | | QFN-32 |
| NCV7546 | 6x Half-Bridge PreDriver for Brushed DC motors | 7 | 18 | | 150 | 5 | PWM | 1 | | | | ✓ | ✓ | ✓ | | | QFN-40 |
| NCV7547 | 7x Half-Bridge PreDriver for Brushed DC motors | 7 | 18 | | 150 | 5 | PWM | 1 | | | | ✓ | ✓ | ✓ | ✓ | | QFN-48 |

MOTOR DRIVER MODULES

| Device | Description | V _B Max (V) | I _{out} Max (A) | R _s (mΩ) | Pre-Driver | Current Limit | Thermal Shutdown | UVLO | Package(s) |
|---------------|---|------------------------|--------------------------|---------------------|------------|---------------|------------------|------|------------|
| STK984-190-E | Power MOSFET Module | 40 | 30 | | | | | | SPCM24 |
| FTC03V455A1 | 3-Phase MOSFET Inverter Power Module | 40 | 150 | 0.53 | | | | | APMCB-A19 |
| NFVA35065L32 | 3-Phase IGBT Intelligent Power Module (IPM), Inverter | 650 | 50 | | ✓ | ✓ | ✓ | ✓ | ASPM27-CAA |
| NFVA34065L32 | 3-Phase IGBT IPM, Inverter | 650 | 40 | | ✓ | ✓ | ✓ | ✓ | ASPM27-CAA |
| NFVA33065L32 | 3-Phase IGBT IPM, Inverter | 650 | 30 | | ✓ | ✓ | ✓ | ✓ | ASPM27-CAA |
| NFVA33065L42 | 3-Phase IGBT Intelligent Power Module (IPM), Inverter, Fast ver | 650 | 30 | | ✓ | ✓ | ✓ | ✓ | ASPM27-CAA |
| NFVA35065L42 | 3-Phase IGBT IPM, Inverter, Fast ver | 650 | 50 | | ✓ | ✓ | ✓ | ✓ | ASPM27-CAA |
| NFVA36065L42 | 3-Phase IGBT IPM, Inverter, Fast ver | 650 | 60 | | ✓ | ✓ | ✓ | ✓ | ASPM27-CAA |
| NFVA23512NP2T | 3-Phase IGBT IPM, Inverter | 1200 | 35 | | ✓ | ✓ | ✓ | ✓ | ASPM34 |
| NFVA22512NP2T | 3-Phase IGBT IPM, Inverter | 1200 | 25 | | ✓ | ✓ | ✓ | ✓ | ASPM34 |
| NFVA25012NP2T | 3-Phase IGBT IPM, Inverter | 1200 | 50 | | ✓ | ✓ | ✓ | ✓ | ASPM34 |

RELAY DRIVERS

| Device | Configuration | Circuit Type * | Voltage (V) | Current (mA) | Package(s) |
|------------|---------------|----------------|-------------|--------------|------------|
| SZNUD3124 | Single | MOSFET | 24 | 150 | SOT-23 |
| SZNUD3124D | Dual | MOSFET | 24 | 150 | SC-74 |
| SZNUD3160 | Single | MOSFET | 60 | 150 | SOT-23 |
| SZNUD3160D | Dual | MOSFET | 60 | 150 | SC-74 |
| NCV7750 | Quad | MOSFET | 40 | 300 | SSOP-24 |
| NCV7608 | Octal | MOSFET | 40 | 300 | SSOP36-EP |
| NCV7240 | Octal | MOSFET | 40 | 300 | SSOP-24 |
| NCV7751 | 12x | MOSFET | 40 | 300 | SSOP24-EP |
| NCV7754 | Octal | MOSFET | 40 | 300 | SSOP-24 |
| NCV7748 | Octal | MOSFET | 40 | 300 | SOIC-14 |

* MOSFET: the driver circuit consists of a MOSFET combined with resistors and diodes.

MULTI-CHANNEL DRIVERS

| Device | Description | SPI | Output Current | Current Limit Min (A) | RDS(on) @ 25°C | Vs_op (V) | Vs Peak Transient (V) | Sleep Mode | On-Chip Flyback Diode | Active Output Clamp | Parallel Inputs | Fault Reporting | Undervoltage Lockout | Open Load Detect | Current Limit | Overvoltage | Overtemperature | Low Duty Cycle Overcurrent Mode | Package(s) |
|----------|--|------------------|----------------|-----------------------|----------------|--------------------|-----------------------|------------|-----------------------|---------------------|-----------------|-----------------|----------------------|------------------|---------------|-------------|-----------------|---------------------------------|---------------------|
| NCV1413 | Darlington Transistor Array | – | 500 mA | – | – | 30 | 50 | | ✓ | ✓ | | | | | | | | | SOIC-16 |
| NCV7608 | Configurable 8-Fold High/Low-Side Driver | 16-bit | 350 mA | 0.8 | 1.2 | 3 - 28 | 40 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | SOIC-28, SSOP-36 EP |
| NCV7702B | Dual H-Bridge Driver | – | – | 1 | – | 7 - 16 | 60 | ✓ | ✓ | | ✓ | | | | ✓ | ✓ | ✓ | ✓ | SOIC-24 |
| NCV7721 | Dual Half-Bridge Driver | – | 500mA | 1 | 0.8 | 5.5 - 32 | 40 | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | SOIC-14 |
| NCV7703C | Triple Half-Bridge Driver | 16-bit | 499 mA | 1 | 0.8 | 5.5 - 33 | 40 | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | SOIC-14 |
| NCV7708F | Dual Hex High/Low-Side Driver | 16-bit | 500 mA | 1 | 0.8 | 4.5 - 28 | 40 | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | SSOP-24 |
| NCV7718 | Hex Half-Bridge Driver | 16-bit | 550 mA | 0.8 | 1 | 4.5 - 28 | 40 | ✓ | ✓ | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | SSOP-24 |
| NCV7719 | Octal Half-Bridge Driver | 16-bit | 550 mA | 0.8 | 1 | 4.5 - 28 | 40 | ✓ | ✓ | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | SSOP-24 EP |
| NCV7720 | Deca Half-Bridge Driver | 16-bit | 550 mA | 0.8 | 1 | 4.5 - 28 | 40 | ✓ | ✓ | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | SSOP-24 EP |
| NCV7726 | 12x Half-Bridge Driver | 16-bit | | 1.1 | 0.9 | 4.5 - 32 | 40 | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | SSOP-24 EP |
| NCV7240 | 8x Low-Side Driver | 16-bit | 300 mA | 0.6 | 1.5 | (VDD) 4.5 - 5.5 | (VDD) 5.5 | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | | | | SSOP-24 |
| NCV7728 | Hex Half-Bridge Driver | 16-bit | 550 mA | 0.8 | 1 | 4.5 - 28 | 40 | ✓ | ✓ | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | SSOP-24 |
| NCV7750 | 4x Low Side Driver | 16-bit | 300 mA | 0.6 | 1.5 | (VDD) 4.5 - 5.5 | (VDD) 5.5 | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | | | | SSOP-24 |
| NCV7751 | 12x Low-Side Driver | 16/24/ 32-bit | 300 mA | 0.6 | 1.3 | (VDD) 4.5 - 5.5 | (VDD) 5.5 | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | | | | SSOP-24 EP |
| NCV7754 | 8x Low-Side Driver | 16-bit | 300 mA | 0.5 | 0.8 | (VDD) 4.5 - 5.5 | (VDD) 5.5 | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | | | | SSOP-24 |
| NCV7723B | Hex Half-Bridge Driver | 16-bit | 550 mA | 1.1 | 0.8 | 4.5 - 32 | 40 | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | SSOP-24 EP |
| NCV7724B | Octal Half-Bridge Driver | 16-bit | 550 mA | 1.1 | 0.8 | 4.5 - 32 | 40 | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | SSOP-24 EP |
| NCV7725B | Deca Half-Bridge Driver | 16-bit | 550 mA | 1.1 | 0.8 | 4.5 - 32 | 40 | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | SSOP-24 EP |

DOOR DRIVERS

| | Device | SPI | Safe Lock | Door Locking | Mirror Fold | Mirror X-Axis | Mirror Y-Axis | ECM | Mirror Defroster | LED Blinker | LED Floor Step Light (LED/Bulb) | Safety Light (LED/Bulb) | Protection (Over Voltage & Under Voltage) | Protection (Over Current, Under Load & Thermal) | Current Sense & PWM | Package(s) |
|-------------------|---------|--------|-------------|--------------|-------------|---------------|---------------|----------|------------------|-------------|---------------------------------|-------------------------|---|---|---------------------|------------|
| Front Door/Mirror | NCV7707 | 24-bit | 0.15, 0.3 Ω | 0.15 Ω | 0.3 Ω | 1.6 Ω | 1.6 Ω | DAC + LS | 0.1 Ω | 1.4 Ω | 0.3, 1.4 Ω | 1.4 Ω | ✓ | ✓ | ✓ | SSOP-36 |
| Back Door Lock | NCV7710 | 24-bit | – | 0.15 Ω | – | – | – | – | – | – | – | – | ✓ | ✓ | ✓ | SSOP-36 |
| Mirror Module | NCV7704 | 24-bit | – | – | – | 1.6 Ω | 1.6 Ω | – | 0.1 Ω | 1.4 Ω | 0.3, 1.4 Ω | – | ✓ | ✓ | ✓ | SSOP-36 |
| | NCV7705 | 24-bit | – | – | 0.3 Ω | 1.6 Ω | 1.6 Ω | – | 0.1 Ω | 1.4 Ω | 0.3, 1.4 Ω | 0.6/1.4 Ω | ✓ | ✓ | ✓ | SSOP-36 |
| | NCV7714 | 24-bit | – | – | – | 1.6 Ω | 1.6 Ω | DAC + LS | 0.1 Ω | 1.4 Ω | 0.3, 1.4 Ω | – | ✓ | ✓ | ✓ | SSOP-36 |

PRE-DRIVERS

| Device | Description | Output Current | R _{DS(ON)} @ 25°C | Sleep Mode | On-Chip Flyback Diode | Parallel Inputs | SPI | Fault Reporting | Undervoltage Lockout | Open Load Detect | Current Limit | Peak Transient (V) | Package(s) |
|----------------|--|----------------|----------------------------|------------|-----------------------|-----------------|-----|-----------------|----------------------|------------------|---------------|--------------------|------------|
| NCV7513B | Hex Low-Side MOSFET Driver | 3.6 mA | 1.8 kΩ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 6.5 | LQFP-32 |
| NCV7517B | Hex Low-Side MOSFET Driver | 18 mA | 350 Ω | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 6.5 | LQFP-32 |
| NCV7518 | Hex Low-Side MOSFET Driver | 18 mA | 350 Ω | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 5.8 | QFN-32 |
| NCV33152 | High Speed Dual MOSFET Driver | 1.5 A | — | ✓ | ✓ | ✓ | | | | | | 20 | SOIC-8 |
| NCV5104 | Single Input High and Low Side Power MOSFET Driver | 250/500 mA | 30/10 | ✓ | | | | | ✓ | | | | SOIC-8 |
| FAN3121 | Single 9A High Speed Low Side Gate Driver | 7.1/9.7 A | | | | | | | ✓ | | | 20 | SOIC-8 |
| FAN3122 | Single 9A High Speed Low Side Gate Driver | 7.1/9.7 A | | | | | | | ✓ | | | 20 | SOIC-8 |
| FAN3122TM1X | Single 9A High Speed Low Side Gate Driver with Exposed Pad | 7.1/9.7 A | | | | | | | ✓ | | | 20 | SOIC-8-EP |
| FAN3213 | Dual 4A High Speed Low Side Gate Driver | 2.8/4.3 A | | | | | | | ✓ | | | 20 | SOIC-8 |
| FAN3214 | Dual 4A High Speed Low Side Gate Driver | 2.8/4.3 A | | | | | | | ✓ | | | 20 | SOIC-8 |
| FAN3223 | Dual 4A High Speed Low Side Gate Driver | 2.8/4.3 A | | | | | | | ✓ | | | 20 | SOIC-8 |
| FAN3224 | Dual 4A High Speed Low Side Gate Driver | 2.8/4.3 A | | | | | | | ✓ | | | 20 | SOIC-8 |
| FAN3224T(U)M1X | Dual 4A High Speed Low Side Gate Driver with Exposed Pad | 2.8/4.3 A | | | | | | | ✓ | | | 20 | SOIC-8-EP |
| FAN3225 | Dual 4A High Speed Low Side Gate Driver | 2.8/4.3 A | | | | | | | ✓ | | | 20 | SOIC-8 |
| FAN3226 | Dual 2A High Speed Low Side Gate Driver | 1.6/2.4 A | | | | | | | ✓ | | | 20 | SOIC-8 |
| FAN3227 | Dual 2A High Speed Low Side Gate Driver | 1.6/2.4 A | | | | | | | ✓ | | | 20 | SOIC-8 |
| FAN3228 | Dual 2A High Speed Low Side Gate Driver | 1.6/2.4 A | | | | | | | ✓ | | | 20 | SOIC-8 |
| FAN3229 | Dual 2A High Speed Low Side Gate Driver | 1.6/2.4 A | | | | | | | ✓ | | | 20 | SOIC-8 |
| FAN3216 | Dual 2A High Speed Low Side Gate Driver | 1.6/2.4 A | | | | | | | ✓ | | | 20 | SOIC-8 |
| FAN3217 | Dual 2A High Speed Low Side Gate Driver | 1.6/2.4 A | | | | | | | ✓ | | | 20 | SOIC-8 |
| FAN7080 | Half Bridge 600V/600mA Gate Driver | 300/600 mA | | | | | | | ✓ | | | 600 | SOIC-8 |
| FAN7081 | High Side 600V/500mA Gate Driver | 250/500 mA | | | | | | | ✓ | | | 600 | SOIC-8 |
| FAN7083 | High Side 600V/400mA Gate Driver with Enable Pin | 200/400 mA | | | | | | | ✓ | | | 600 | SOIC-8 |
| FAN7085 | High Side 300V/450mA Gate Driver with Cboot Recharge Path and Enable Pin | 450 mA | | | | | | | ✓ | | | 300 | SOIC-8 |
| FAN7171 | High Side High Current 600V/4A Gate Driver | 4 A | | | | | | | ✓ | | | 600 | SOIC-8 |
| FAN7191 | High Side and Low Side High Current 600V/4.5A Gate Driver | 4.5 A | | | | | | | ✓ | | | 600 | SOIC-8 |
| FAD7191M1X | High Side and Low Side High Current 600V/4.5A Gate Driver with Separate grounds and Enable pin | 4.5 A | | | | | | | ✓ | | | 600 | SOIC-14 |
| NCV5700 | High Current IGBT Gate Driver - Standalone Full Featured | 4/6 A | | | | | | ✓ | ✓ | | | 40 | SOIC-16 |
| NCV5701A | High Current IGBT Gate Driver - Standalone Active Miller Clamp | 4/6 A | | | | | | ✓ | ✓ | | | 40 | SOIC-8 |
| NCV5701B | High Current IGBT Gate Driver - Standalone Negative Bias Supply | 4/6 A | | | | | | ✓ | ✓ | | | 40 | SOIC-8 |
| NCV5701C | High Current IGBT Gate Driver - Standalone Separate High/Low Side Output | 4/6 A | | | | | | ✓ | ✓ | | | 40 | SOIC-8 |
| FAD6263M1X | Half Bridge 600V/3.3A Gate Driver with shutdown pin, separate pull up and pull down outputs | 3.3/3.3 A | | | | | | | ✓ | | | 600 | SOIC-16 |

LIN TRANSCEIVERS

| Device | Description | Bus Speed (Baud) | ISO 9141 | LIN 2.0/2.1/2.2 | J2602 | Sleep Mode Current (μ A) | ESD Protection IEC 61000-4-2 (LIN pin) | Package(s) |
|----------|--|------------------|----------|-----------------|-------|-------------------------------|--|---------------|
| NCV7321 | LIN Transceiver | 20 k | ✓ | ✓ | ✓ | 10 | >12 kV | SOIC-8, DFN-8 |
| NCV7422 | LIN Transceiver | 20 k | ✓ | ✓ | ✓ | 10 | >12 kV | DFN-14 |
| NCV7424 | Quad LIN Transceiver | 20 k | ✓ | ✓ | ✓ | 30 | >12 kV | TSSOP-16 |
| NCV7329 | LIN Transceiver | 20 k | ✓ | ✓ | ✓ | 10 | >12 kV | SOIC-8, DFN-8 |
| NCV7327* | LIN Transceiver | 20 k | ✓ | ✓ | ✓ | 10 | >12 kV | SOIC-8, DFN-8 |
| NCV7420 | LIN Transceiver with Voltage Regulator (50 mA, 3.3 or 5.0 V) | 20 k | ✓ | ✓ | ✓ | 20 | >12 kV | SOIC-14 |
| NCV7428 | LIN (low slope, normal slope) Transceiver with Voltage Regulator (70 mA, 3.3 or 5.0 V) | 20 k | ✓ | ✓ | ✓ | 25 | >12 kV | SOIC-8 |

* No time out for low speed communication.

CAN TRANSCEIVERS

| Device | Description | Standard | Sleepmode Current Max (μ A) | Bus Speed Max | ESD Protection IEC 61000-4-2 (CAN pins) | Package(s) |
|------------|---|-----------------|----------------------------------|---------------|---|---------------|
| NCV7349 | High Speed, Low Power CAN Transceiver** | ISO11898-5 | 15 | 1 Mbps | >12 kV | SOIC-8 |
| NCV7342 | High Speed, Low Power CAN Transceiver | ISO11898-5 | 15 | 1 Mbps | >12 kV | SOIC-8, DFN-8 |
| NCV7344 | High Speed Low Power CAN, CAN FD Transceiver | ISO11898-2:2016 | 15 | 5 Mbps | >8 kV | SOIC-8, DFN-8 |
| NCV7340 | High Speed, Low Power CAN Transceiver | ISO11898-5 | 15 | 1 Mbps | >12 kV | SOIC-8 |
| NCV7341 | High Speed, Low Power CAN Transceiver | ISO11898-5 | 35 | 1 Mbps | 8 kV | SOIC-14 |
| NCV7441 | Dual High Speed, Low Power CAN Transceiver | ISO11898-5 | 30 | 1 Mbps | 8 kV | SOIC-14 |
| NCV7446 | Two channel High Speed, Low Power CAN, CAN FD Transceiver | ISO11898-2:2016 | 30 | 5 Mbps | 8 kV | DFN-14 |
| NCV7351 | High Speed CAN Transceiver | ISO11898-2 | N/A* | 1 Mbps | >12 kV | SOIC-8 |
| NCV7357 | High Speed Low PowerCAN, CAN FD Transceiver | ISO11898-2:2016 | 15 | 5 Mbps | >8 kV | SOIC-8, DFN-8 |
| AMIS-41682 | Low Speed Fault Tolerant CAN Transceiver | ISO11898-3 | 60 | 250 kpbs | 6 kV (HBM) | SOIC-14 |
| NCV7356 | Single Wire CAN Transceiver | J2411 | 60 | 40 kpbs | 4 kV (HBM) | SOIC-14 |

* Sleepmode not featured/implemented. **Meets VeLIO test requirements.

FlexRay™ TRANSCEIVERS

| Product | Description | Bus Speed (Baud) | FlexRay Standard | Host Interface | ESD Protection IEC61000-4-2 (CAN pins) | Package(s) |
|-----------|------------------------------|------------------|------------------|----------------|--|------------|
| NCV7381A | Clamp-30 FlexRay Transceiver | 10 M | v3.0.1. | ERRN pin | >10 kV | SSOP-16 |
| NCV7381B | Clamp-30 FlexRay Transceiver | 10 M | v3.0.1. | ERRN pin | >10 kV | SSOP-16 |
| NCV7381C* | Clamp-30 FlexRay Transceiver | 10 M | v3.0.1. | ERRN pin | >10 kV | SSOP-16 |
| NCV7383 | Clamp-15 FlexRay Transceiver | 10 M | v3.0.1. | SPI | > 10 kV | TSSOP-14 |

*High Temp class0.

SYSTEM BASIS CHIPS

| Device | Description | Data Transmission Standard | I _Q Max (mA) | Number of Drivers | Number of Transceivers | V _{CC} Min (mA) | V _{CC} Max (mA) | Package(s) |
|---------|--|----------------------------|-------------------------|-------------------|------------------------|--------------------------|--------------------------|---------------|
| NCV7420 | System Basis Chip with LIN and Voltage Regulator (WAKE, INH) | LIN | 50 | 0 | 1 | 5 | 26 | SOIC-14 |
| NCV7428 | LIN (low slope, normal slope) Transceiver with Voltage Regulator (70 mA, 3.3 or 5.0 V) | LIN | 70 | 0 | 1 | 3.234, 4.9 | 3.366, 5.1 | SOIC-8, DFN-8 |
| NCV7462 | System Basis Chip with LIN, CAN, 2 Voltage Regulators, and HS/LS Drivers | LIN; CAN | 250 | 7 | 2 | 5 | 28 | SSOP-36 EP |
| NCV7471 | System Basis Chip with Dual LIN, CAN, Voltage Regulator, and Buck-Boost DC-DC | LIN; CANFD | 500 | 0 | 3 | 2.5 | 28 | SSOP-36 EP |
| NCV7450 | CAN + LDO + HS Driver System Basis Chip | CAN | NA | 1 | 1 | 4.75 | 5.25 | TSSOP-16 EP |
| NCV7446 | Two channel High Speed, Low Power CAN, CAN FD Transceiver | CAN/CANFD | NA | 0 | 2 | NA | NA | DFN-14 |

COMPARATORS

| Device | Channels | V _S Min (V) | V _S Max (V) | I _Q /Channel (μA) | t _{RESP} (H-L) (μs) | V _{OS} Max (mV) | Input Range (V) | I _{OUT} (mA) | Output Type | Features | Package(s) |
|---------|----------|------------------------|------------------------|------------------------------|------------------------------|--------------------------|-----------------|-----------------------|----------------|-------------------------------|-----------------------------|
| NCV2393 | 2 | 2.7 | 16 | 6 | 0.8 | – | Vee to Vdd-1.5 | 20 | Open Drain | Ultra-Low I _Q | SOIC-8 |
| NCV2200 | 1 | 0.85 | 6 | 10 | 0.5 | 5 | Vee to Vdd | 70 | Complementary | Low I _Q | SOT-23-5, SC-70 |
| NCV2202 | 1 | 0.85 | 6 | 10 | 0.5 | 5 | Vee to Vdd | 70 | Open Drain | Low I _Q | SOT-23-5, SC-70 |
| NCV331 | 1 | 2.7 | 5 | 40 | 0.6 | 9 | Vee to Vdd-0.7 | 23 | Open Drain | Low I _Q , Low Cost | SOT-23-5 |
| NCV2903 | 2 | 2 | 36 | 200 | 1.5 | 7 | Vee to Vdd-1.5 | 16 | Open Collector | 36 V, Low Cost | SOIC-8, Micro8 |
| NCV2901 | 4 | 3 | 36 | 200 | 1.3 | 7 | Vee to Vdd-1.5 | 16 | Open Collector | 36 V, Low Cost | SOIC-14, TSSOP-14, Bare Die |
| NCV391 | 1 | 2 | 36 | 500 | 0.5 | 9 | Vee to Vdd-1.5 | 16 | Open Collector | 36 V, Fast t _{RESP} | SOT-23-5 |
| TL331V | 1 | 2 | 36 | 500 | 0.35 | 9 | Vee to Vdd-1.5 | 16 | Open Collector | 36 V, Fast t _{RESP} | TSOP-5 / SOT-23-5 |
| NCV2250 | 1 | 1.8 | 5.5 | 150 | 74 | 6 | Vee to Vdd | 50 | Push Pull | Fast t _{RESP} | SOT-23-5, SC-70 |
| NCV2252 | 1 | 1.8 | 5.5 | 150 | 74 | 6 | Vee to Vdd | 50 | Open Collector | Fast t _{RESP} | SOT-23-5, SC-70 |

OPERATIONAL AMPLIFIERS

| Device | Channels | V _S Range (V) | I _Q /Channel (mA) | GBW (MHz) | Slew Rate (V/us) | V _{OS} Max (mV) | V _{OS} Drift (μV/°C) | I _B (nA) | CMRR (dB) | e _n (nV/√Hz) | Rail to Rail | Features | Package(s) |
|---------------|----------|--------------------------|------------------------------|-----------|------------------|--------------------------|-------------------------------|---------------------|-----------|-------------------------|--------------|--|---|
| NCV2333 | 2 | 1.8 - 5.5 | 0.21 | 0.27 | 0.1 | 0.03 | 0.04 | 60 | 123 | 62 | Input/Output | High Accuracy | Micro8, SOIC-8, UDFN-8 |
| NCV333A | 1 | 1.8 - 5.5 | 0.21 | 0.35 | 0.1 | 0.03 | 0.03 | 60 | 123 | 62 | Input/Output | High Accuracy | SC-88A / SC-70-5 TSOP-5 / SOT-23-5 |
| NCV4333 | 4 | 1.8 - 5.5 | 0.21 | 0.35 | 0.15 | 0.03 | 0.095 | 60 | 123 | 62 | Input/Output | High Accuracy | SOIC-14 |
| NCV20091/2/4 | 1,2,4 | 1.8 - 5.5 | 0.02 | 0.35 | 0.15 | 3 | 1 | 0.001 | 80 | 30 | Input/Output | Low I _Q & Rail-Rail Input/Output | Micro8, SOIC-8, TSSOP-8 |
| NCV5652 | 2 | 3.3 - 13.2 | 6 | 0.35 | – | 5 | 2 | 200 | 80 | – | – | 500 mA Output Current | UDFN-12 |
| NCV2002 | 1 | 0.9 - 7.0 | 0.48 | 0.9 | 1.2 | 6 | 8 | 0.01 | 82 | 100 | Input/Output | Shutdown, Ultra-Low V _S | TSOP-6 |
| NCV2902 | 4 | 3.0 - 32.0 | 1.2 | 1 | – | 7 | 7 | 90 | 70 | – | – | Low Cost | SOIC-14, TSSOP-14 |
| NCV2904 | 2 | 3.0 - 32.0 | 0.75 | 1 | – | 7 | 7 | 45 | 70 | – | – | Low Cost | SOIC-8, Micro8 |
| NCV7101 | 1 | 1.8 - 10.0 | 1 | 1 | 1.2 | 9 | 8 | 0.001 | 60 | 140 | Input/Output | Ultra-Low I _B | SOT-23-5 |
| NCV20081/2/4 | 1,2,4 | 1.8 - 5.5 | 0.05 | 1.2 | 1.2 | 3 | 1 | 0.001 | 80 | 30 | Input/Output | Low I _Q & Rail-Rail Input/Output | Micro8, SOIC-8, TSSOP-8 |
| NCV33172 | 2,4 | 3.0 - 44.0 | 0.18 | 1.8 | 2.1 | 6.5 | 10 | 20 | 90 | 32 | – | Low I _Q & 44 V V _S range | SOIC-8, TSSOP-14 |
| NCV21911/2 | 1.2 | 4 - 36 | 0.6 | 2 | 1.6 | 0.025 | 0.085 | 3.5 | 120 | 22 | Output | 36 V, Zero drift | TSOP-5, SOT23-5, SOIC-8 |
| NCV33202/4 | 2,4 | 1.8 - 12.0 | 0.9 | 2.2 | 1 | 6 | 2 | 80 | 90 | 20 | Input/Output | High Output Current | SOIC-8, Micro8, SOIC-14, TSSOP-14 |
| NCV20061/2/4 | 1,2,4 | 1.8 - 5.5 | 0.14 | 3 | 0.45 | 3 | 1 | 0.001 | 80 | 20 | Input/Output | Low I _Q & Rail-Rail Input/Output | Micro8, SOIC-8, TSSOP-8 |
| NCV20071/2/4 | 1,2,4 | 2.7 - 36.0 | 0.41 | 3 | 2.7 | 3 | 2 | 0.005 | 111 | 20 | Output | 36 V Rail-to-rail Output | SOIC-8, Micro8, TSSOP-8, SOIC-14, TSSOP-14 |
| NCV952 | 2 | 2.7 - 26.0 | 0.9 | 3 | 1 | 8 | 2 | 35 | 80 | 25 | Input/Output | 26 V Rail-to-rail Input/Output | TSSOP-8 |
| NCV33072/4 | 2,4 | 3.0 - 44.0 | 1.6 | 4.5 | 10 | 3 | 10 | 100 | 97 | 32 | – | 44 V V _S Range | SOIC-8, TSSOP-14 |
| NCV2003/32/34 | 1,2,4 | 1.7 - 5.5 | 0.3 | 7 | 8 | 4 | 2 | 0.001 | 70 | 20 | Output | High GBW & Slew Rate | SOT-23-5, SOIC-8, Micro8, TSSOP-8, SOIC-14 |
| NCV833 | 2 | 10.0 - 36.0 | 2 | 15 | 7 | 5 | 2 | 300 | 100 | 4.5 | – | 44 V V _S Range, Low e _n | SOIC-8 |
| NCV33078/9 | 2,4 | 5.0 - 18.0 | 2.1 | 16 | 7 | 2 | 2 | 300 | 100 | 4.5 | – | Wide GBW, Low V _{OS} & e _n | SOIC-8, SOIC-14 |
| NCV33272/4A | 2,4 | 3.0 - 36.0 | 2.2 | 24 | 10 | 1 | 2 | 300 | 100 | 18 | – | Wide GBW, V _S range | SOIC-8, SOIC-14, TSSOP-14 |
| NCV272/4 | 2.4 | 2.7 - 36 | 0.465 | 3 | 2.4 | 3 | 2 | 0.005 | 145 | 20 | Output | 36 V Rail-to-rail Output | SOIC-8, Micro8, SOIC-14, TSSOP-14 |
| NCV20166 | 1 | 3-5.5 | 1.25 | 10 | 6 | 0.55 | 1 | 0.001 | 92 | 10 | Input/Output | High GBWP, Precision | SC-74 / SC-70-5 |
| NCV21871/2/4 | 1,2,4 | 1.8 - 5.5 | 0.028 | 0.35 | 0.1 | 0.045 | 0.4 | 0.06 | 111 | 62 | Input/Output | High Accuracy | SC-70-5, SOT-23-5, SOIC-8, Micro-8, SOIC-14 |

CURRENT SENSE AMPLIFIERS

| Device | Channels | Gain (V/V) | Gain Error Max (%) | V _S Min (V) | V _S Max (V) | V _{CM} (V) | I _Q Typ (mA) | Bandwidth Typ (-3dB) | V _{OS} Max (mV) | V _{OS} Drift Max (μV/°C) | Operating Temp Range (°C) | CMRR Typ (dB) | Package(s) |
|---------|----------|------------|--------------------|------------------------|------------------------|---------------------|-------------------------|----------------------|--------------------------|-----------------------------------|---------------------------|---------------|-----------------------------|
| NCV210R | 1 | 200 | ±1.5 | 2.2 | 26 | -0.3 to 26 | 0.04 | 0.04 | ±0.05 | 1.5 | -40 to 125 | 125 | SC-88-6, SC-70-6, SOT-363-6 |
| NCV211R | 1 | 500 | ±1.5 | 2.2 | 26 | -0.3 to 26 | 0.04 | 0.025 | ±0.05 | 1.5 | -40 to 125 | 125 | SC-88-6, SC-70-6, SOT-363-6 |
| NCV213R | 1 | 50 | ±1.5 | 2.2 | 26 | -0.3 to 26 | 0.04 | 0.09 | ±0.15 | 1.5 | -40 to 125 | 120 | SC-88-6, SC-70-6, SOT-363-6 |
| NCV214R | 1 | 100 | ±1.5 | 2.2 | 26 | -0.3 to 26 | 0.04 | 0.06 | ±0.09 | 1.5 | -40 to 125 | 125 | SC-88-6, SC-70-6, SOT-363-6 |

SWITCHING REGULATORS & CONTROLLERS

| Device | Buck | Boost | Controller | Synchronous | Output Current Max | Osc Freq | Output Voltage | Voltage Tolerance | Max Load Dump Voltage (V) | Sleepmode Current (Typ) | Low Iq Mode Typ Operating | Enable | Reset | Delay | Sync In | Sync Out | Power Good | TSD | UVLO | Short Circuit | Current Limit | Package(s) |
|------------|------|-------|------------|-------------|--------------------|---------------------|--------------------------|-------------------|---------------------------|-------------------------|---------------------------|--------|-------|-------|---------|----------|------------|-----|------|---------------|---------------|--------------------------|
| NCV6356 | ✓ | | | ✓ | 5 A | Up to 2.4 MHz | Prog, 0.6 V to 1.4 V | ±2 % | 6 | 5 µA | 60 µA | ✓ | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | DFN-14* |
| NCV6357 | ✓ | | | ✓ | 5 A | Up to 2.4 MHz | Prog, 0.6 V to 3.3 V | ±2 % | 6 | 5 µA | 60 µA | ✓ | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | DFN-14* |
| NCV6323 | ✓ | | | ✓ | 2 A | 3 MHz | Adj | ±1 % | 6 | – | – | ✓ | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | DFN-8* |
| NCV6324 | ✓ | | | ✓ | 2 A | Up to 3 MHz | Adj | ±1 % | 6 | – | – | ✓ | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | DFN-8* |
| NCV6922 | PMU | | | ✓ | 2 A | Up to 3 MHz | Prog, 0.6 V to 3.3 V | ±2 % | 6 | 7 µA | 82 µA | ✓ | | ✓ | | | ✓ | ✓ | ✓ | ✓ | ✓ | QFN-20* |
| NCV3163 | ✓ | ✓ | | | 3.4 A | Up to 300 kHz | Adj | ±2 % | 40 | 7 mA | – | | | | | | | ✓ | ✓ | ✓ | ✓ | DFN-18, SOIC-16W EP |
| NCV33163 | ✓ | ✓ | | | 3.4 A | Up to 250 kHz | Adj | ±2 % | 40 | 7 mA | – | | | | | | | ✓ | ✓ | ✓ | ✓ | SOIC-16W, PDIP-16 |
| NCV891330 | ✓ | | | | 3 A | 2 MHz | 5 V, 4 V, 3.8 V or 3.3 V | ±2 % | 45 | – | 30 µA | ✓ | ✓ | | | | | ✓ | ✓ | ✓ | ✓ | SOIC-8 EP |
| NCV891130 | ✓ | | | | 1 A | 2 MHz | 5 V, 4 V or 3.3 V | ±2 % | 45 | – | 30 µA | ✓ | ✓ | | | | | ✓ | ✓ | ✓ | ✓ | SOIC-8 EP |
| NCV890200 | ✓ | | | | 2 A | 2 MHz | Adj | ±1.75 % | 40 | 2 µA | – | ✓ | | | | | | ✓ | ✓ | ✓ | ✓ | SOIC-8 EP |
| NCV890201 | ✓ | | | | 2 A | 2 MHz | Adj | ±1.75 % | 40 | 2 µA | – | ✓ | | | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | DFN-10* |
| NCV890230 | ✓ | | | | 2 A | 2 MHz | Adj | ±1.75 % | 45 | 2 µA | – | ✓ | | | | | | ✓ | ✓ | ✓ | ✓ | SOIC-8 EP |
| NCV890231 | ✓ | | | | 2 A | 2 MHz | Adj | ±1.75 % | 45 | 2 µA | – | ✓ | | | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | DFN-10* |
| NCV890204 | ✓ | | | | 2 A | 2 MHz | Adj | ±1.75 % | 40 | 2 µA | – | ✓ | ✓ | ✓ | | | | ✓ | ✓ | ✓ | ✓ | DFN-10* |
| NCV8855 | PMU | | ✓ | ✓ | 2 A / Adj | 170 kHz | Adj | ±2 % | 18 | 0.1 µA | – | ✓ | | | ✓ | | | ✓ | ✓ | ✓ | ✓ | QFN-40 |
| NCV33063AV | ✓ | ✓ | | | 1.5 A | 100 kHz | – | ±2 % | 40 | 7 mA | – | | | | | | | | | ✓ | ✓ | SOIC-8 |
| NCV3063 | ✓ | ✓ | | | 1.5 A | Up to 200 kHz | Adj | – | 40 | 7 mA | – | | | | | | | ✓ | ✓ | ✓ | ✓ | DFN-8, SOIC-8, PDIP-8 |
| NCV3064 | ✓ | ✓ | | | 1.5 A | Up to 300 kHz | Adj | – | 40 | 85 µA | – | ✓ | | | | | | ✓ | ✓ | ✓ | ✓ | DFN-8, SOIC-8, PDIP-8 |
| NCV3065 | ✓ | ✓ | | | 1.5 A | Up to 250 kHz | 40 | – | 40 | 7 mA | – | | | | | | | ✓ | ✓ | ✓ | ✓ | DFN-8, SOIC-8, PDIP-8 |
| NCV3066 | ✓ | ✓ | | | 1.5 A | Up to 300 kHz | Adj | – | 40 | 85 µA | – | ✓ | | | | | | ✓ | ✓ | ✓ | ✓ | DFN-8, SOIC-8, PDIP-8 |
| NCV5171 | | ✓ | | | 1.5 A | Up to 600 kHz | – | – | 35 | 50 µA | – | | | | | | | ✓ | ✓ | ✓ | ✓ | SOIC-8 |
| NCV5173 | | ✓ | | | 1.5 A | Up to 600 kHz | – | – | 35 | 50 µA | – | | | | | | | ✓ | ✓ | ✓ | ✓ | SOIC-8 |
| CS51414 | ✓ | | | | 1 A | 520 kHz | Adj | ±2 % | 40 | 1 µA | – | ✓ | | | | | | ✓ | | ✓ | ✓ | SOIC-8 |
| NCV2575 | ✓ | | | | 1 A | 52 kHz | Adj, 5 V, 12 V | – | 40 | 80 µA | – | | | | | | | ✓ | ✓ | ✓ | ✓ | D2PAK |
| NCV51411 | ✓ | | | | 1 A | 260 kHz | Adj | ±2 % | 40 | 1 µA | – | ✓ | | | ✓ | | | ✓ | | ✓ | ✓ | SOIC-8, SOIC-16W, DFN-18 |
| NCV8843 | ✓ | | | | 1 A | 340 kHz | Adj | ±2 % | 40 | 1 µA | – | ✓ | | | ✓ | | | ✓ | | ✓ | ✓ | SOIC-8, SOIC-16W, DFN-18 |
| NCV8881 | PMU | | | | 1 A | 500 kHz (Adj) | Adj | ±2 % | 40 | 1 µA | – | ✓ | ✓ | ✓ | ✓ | | | ✓ | ✓ | | ✓ | SOIC-16W EP |
| NCV890100 | ✓ | | | | 1 A | 2 MHz | Adj | ±2 % | 40 | 1 µA | – | ✓ | | | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | SOIC-8 EP, DFN-8* |
| NCV890101 | ✓ | | | | 1 A | 2 MHz | Adj | ±2 % | 40 | 1 µA | – | ✓ | | | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | DFN-10* |
| NCV890130 | ✓ | | | | 1 A | 2 MHz | Adj | ±2 % | 45 | 1 µA | – | ✓ | | | | | | ✓ | ✓ | ✓ | ✓ | SOIC-8 EP, DFN-8* |
| NCV890131 | ✓ | | | | 1 A | 2 MHz | Adj | ±2 % | 45 | 1 µA | – | ✓ | | | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | DFN-10* |
| NCV890103 | ✓ | | | | 1 A | 2 MHz | Adj | ±2 % | 40 | 1 µA | – | ✓ | ✓ | ✓ | ✓ | | | ✓ | ✓ | ✓ | ✓ | DFN-10* |
| NCV890104 | ✓ | | | | 1 A | 2 MHz | Adj | ±2 % | 40 | 1 µA | – | ✓ | ✓ | ✓ | | | | ✓ | ✓ | ✓ | ✓ | DFN-10* |
| NCV896530 | Dual | | | ✓ | 1 A | 2.25 MHz | Adj | ±2 % | 6 | 1 µA | – | ✓ | | | | | ✓ | ✓ | ✓ | | ✓ | DFN-10* |
| NCV2574 | ✓ | | | | 0.5 A | 52 kHz | Adj | – | 40 | 80 µA | – | | | | | | | ✓ | ✓ | ✓ | ✓ | SOIC-16W |
| NCV8851-1 | ✓ | | ✓ | ✓ | Adj | 500 kHz (Adj) | Adj | ±2 % | 40 | 1 µA | – | ✓ | | | ✓ | | | ✓ | ✓ | | ✓ | TSSOP-20 |
| NCV8853 | ✓ | | ✓ | | Adj | 340 kHz (Adj) | Adj | ±2 % | 44 | 2.5 µA | – | ✓ | | | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | SOIC-8 |
| NCV8852 | ✓ | | ✓ | | Adj | Up to 500 kHz (Adj) | Adj | ±2 % | 44 | 2.5 µA | – | ✓ | | | ✓ | | | | ✓ | ✓ | ✓ | SOIC-8 |
| NCV887100 | | ✓ | ✓ | | Adj | 170 kHz (Adj) | Adj | ±2 % | 45 | 2 µA | – | ✓ | | | ✓ | | | ✓ | ✓ | ✓ | ✓ | SOIC-8 |

* Wettable flank DFN/QFN: visual inspection is sufficient to guarantee proper soldering - no X-ray inspection needed.

SWITCHING REGULATORS & CONTROLLERS

| Device | Buck | Boost | Controller | Synchronous | Output Current Max | Osc Freq | Output Voltage | Voltage Tolerance | Max Load Dump Voltage (V) | Sleepmode Current (Typ) | Low Iq Mode Typ Operating | Enable | Reset | Delay | Sync In | Sync Out | Power Good | TSD | UVLO | Short Circuit | Current Limit | Package(s) |
|------------|------|-------|------------|-------------|--------------------|---------------|---------------------------|-------------------|---------------------------|-------------------------|---------------------------|--------|-------|-------|---------|----------|------------|-----|------|---------------|---------------|-----------------|
| NCV887101 | | ✓ | ✓ | | Adj | 1 MHz (Adj) | Adj | ±2 % | 45 | 2 µA | – | ✓ | | | ✓ | | ✓ | ✓ | ✓ | ✓ | | SOIC-8 |
| NCV887102 | | ✓ | ✓ | | Adj | 1 MHz (Adj) | Adj | ±2 % | 45 | 2 µA | – | ✓ | | | ✓ | | ✓ | ✓ | ✓ | ✓ | | SOIC-8 |
| NCV887103 | | ✓ | ✓ | | Adj | 340 kHz (Adj) | Adj | ±2 % | 45 | 2 µA | – | ✓ | | | ✓ | | ✓ | ✓ | ✓ | ✓ | | SOIC-8 |
| NCV887104 | | ✓ | ✓ | | Adj | 340 kHz (Adj) | Adj | ±2 % | 45 | 2 µA | – | ✓ | | | ✓ | | ✓ | ✓ | ✓ | ✓ | | SOIC-8 |
| NCV887000 | | ✓ | ✓ | | Adj | 50 kHz | Adj | ±2 % | 45 | 2 µA | – | ✓ | | | ✓ | | ✓ | ✓ | ✓ | ✓ | | SOIC-8 |
| NCV887001 | | ✓ | ✓ | | Adj | 100 kHz | Adj | ±2 % | 45 | 2 µA | – | ✓ | | | ✓ | | ✓ | ✓ | ✓ | ✓ | | SOIC-8 |
| NCV887200 | | ✓ | ✓ | | Adj | 675 kHz | Adj | ±2 % | 45 | 2 µA | – | ✓ | | | ✓ | | ✓ | ✓ | ✓ | ✓ | | SOIC-8 |
| NCV887300 | | ✓ | ✓ | | Adj | 1 MHz | Adj | ±3 % | 45 | 2 µA | – | ✓ | | | ✓ | | ✓ | ✓ | ✓ | ✓ | | SOIC-8 |
| NCV887301 | | ✓ | ✓ | | Adj | 400 kHz | Adj | ±3 % | 45 | 2 µA | – | ✓ | | | ✓ | | ✓ | ✓ | ✓ | ✓ | | SOIC-8 |
| NCV887302 | | ✓ | ✓ | | Adj | 400 kHz | Adj | ±3 % | 45 | 2 µA | – | ✓ | | | ✓ | | ✓ | ✓ | ✓ | ✓ | | SOIC-8 |
| NCV8873 | | ✓ | ✓ | | Adj | 1 MHz | Adj | ±2 % | 45 | 2 µA | – | ✓ | | | ✓ | | ✓ | ✓ | ✓ | ✓ | | SOIC-8 |
| NCV887600 | | ✓ | ✓ | | Adj | 170 kHz (Adj) | 6.8 V | ±2 % | 45 | – | 12 µA | | | | | | ✓ | ✓ | ✓ | ✓ | | SOIC-8 |
| NCV887601 | | ✓ | ✓ | | Adj | 170 kHz (Adj) | 6.8 V | ±2 % | 45 | – | 12 µA | | | | | | ✓ | ✓ | ✓ | ✓ | | SOIC-8 |
| NCV887700 | | ✓ | ✓ | | Adj | 170 kHz (Adj) | 6.8 V | ±2 % | 45 | – | 12 µA | ✓ | | | | | ✓ | ✓ | ✓ | ✓ | | SOIC-8 |
| NCV887701 | | ✓ | ✓ | | Adj | 170 kHz (Adj) | 6.8 V | ±2 % | 45 | – | 12 µA | ✓ | | | | | ✓ | ✓ | ✓ | ✓ | | SOIC-8 |
| NCV887711 | | ✓ | ✓ | | Adj | 170 kHz (Adj) | 8.55 V | ±2 % | 45 | – | 12 µA | ✓ | | | | | ✓ | ✓ | ✓ | ✓ | | SOIC-8 |
| NCV887720 | | ✓ | ✓ | | Adj | 170 kHz (Adj) | 10 V | ±2 % | 45 | – | 12 µA | ✓ | | | | | ✓ | ✓ | ✓ | ✓ | | SOIC-8 |
| NCV887740 | | ✓ | ✓ | | Adj | 170 kHz (Adj) | 12 V | ±2 % | 45 | – | 12 µA | ✓ | | | | | ✓ | ✓ | ✓ | ✓ | | SOIC-8 |
| NCV887801 | | ✓ | ✓ | | Adj | 450 kHz | 6.8 V | ±2 % | 45 | 12 µA | – | ✓ | | | | | ✓ | ✓ | ✓ | ✓ | | SOIC-8 |
| NCV898031 | | ✓ | ✓ | | Adj | 2 MHz | Adj | ±2 % | 45 | 2 µA | – | ✓ | | | | | ✓ | ✓ | ✓ | ✓ | | SOIC-8 |
| NCV898032 | | ✓ | ✓ | | Adj | 2 MHz | Adj | ±2 % | 45 | 2 µA | – | ✓ | | | | | ✓ | ✓ | ✓ | ✓ | | SOIC-8 |
| NCV3011 | ✓ | | ✓ | ✓ | – | 400 kHz | – | ±1 % | 40 | 2.5 mA | – | ✓ | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | TSSOP-14 |
| NCV3012 | ✓ | | ✓ | ✓ | – | Up to 200 kHz | – | ±1 % | 40 | 2.5 mA | – | ✓ | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | TSSOP-14 |
| NCV3020 | ✓ | | ✓ | ✓ | – | 300/600 kHz | – | ±1.5 % | 40 | 2.5 mA | – | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | SOIC-8 |
| NCV3030 | ✓ | | ✓ | ✓ | – | 1.2/2.4 MHz | – | ±1.5 % | 40 | 2.5 mA | – | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | SOIC-8 |
| NCV3843B | ✓ | ✓ | ✓ | | – | 52 kHz | – | – | 30 | 12 mA | – | | | | | | | | ✓ | | ✓ | SOIC-14, SOIC-8 |
| NCV494 | ✓ | ✓ | ✓ | | – | 200 kHz | – | ±5 % | 42 | – | – | | | | | | | | ✓ | ✓ | ✓ | SOIC-16 |
| NCV8878 | | ✓ | ✓ | | Adj | 450 kHz | 6.8 V | ±2 % | 45 | 12 µA | – | ✓ | ✓ | ✓ | | | | ✓ | ✓ | ✓ | ✓ | SOIC-8 |
| NCV890203 | ✓ | | | | 2 A | 2 MHz | Adj | ±1.75 % | 40 | 2 µA | | ✓ | ✓ | ✓ | | | | ✓ | ✓ | ✓ | ✓ | DFN-10* |
| NCV896530 | PMU | | | ✓ | 2*0.8 A | 2.1 MHz | Adj | ±2 % | 6 | 1 µA | – | ✓ | | | ✓ | | ✓ | ✓ | ✓ | ✓ | | DFN-10* |
| NCV97310 | PMU | | | ✓ | 3.0 A | 2 MHz | Fixed, Adj | | 45 | 6 µA | – | ✓ | ✓ | ✓ | | | | ✓ | ✓ | ✓ | ✓ | QFN-32* |
| NCV97310 | PMU | | | ✓ | 3.0 A | 2 MHz (Adj) | 5 V or 3.3 V + 2*Adj | ±2 % | 45 | 8 µA | 30 µA | ✓ | ✓ | ✓ | | | | ✓ | ✓ | ✓ | ✓ | QFN-32* |
| NCV97311 | PMU | | | ✓ | 3.0 A | 2 MHz (Adj) | 5 V or 3.3 V + 2*Adj | ±2 % | 45 | 8 µA | 30 µA | ✓ | ✓ | ✓ | | | | ✓ | ✓ | ✓ | ✓ | QFN-32* |
| NCV8872 | | ✓ | ✓ | | Adj | 675 kHz | Adj | ±2 % | 40 | 8 µA | | ✓ | | ✓ | ✓ | | | ✓ | ✓ | ✓ | ✓ | SOIC-8 |
| NCV890430 | ✓ | | | ✓ | 0.6 A | 2 MHz | 2.5 V, 3.3 V, 5 V | ±2 % | 45 | 5 µA | – | ✓ | ✓ | | ✓ | | | ✓ | ✓ | ✓ | ✓ | DFN-8* |
| NCV891234 | ✓ | | | | 2.0 A | 2 MHz | 3.3 V, 5 V | ±2 % | 45 | 9 µA | 40 µA | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | DFN-12* |
| NCV891334 | ✓ | | | | 3.0 A | 2 MHz | 3.3 V, 5 V | ±2 % | 45 | 9 µA | 40 µA | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | DFN-12* |
| NCV881930 | ✓ | | ✓ | ✓ | Adj | 410 kHz (Adj) | 3.3 V or 5 V | ±2 % | 45 | 6 µA | 30 µA | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | QFN-24* |
| NCV891930 | ✓ | | ✓ | ✓ | Adj | 2 MHz (Adj) | 3.3 V, 3.65 V, 4 V or 5 V | ±2 % | 45 | 6 µA | 30 µA | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | QFN-24* |
| NCV97200** | ✓ | ✓ | | | 3.0 A | 2 MHz | 3.3 V + 5 V | ±2 % | 40 | 3 µA | – | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | QFN-20* |
| NCV97400** | PMU | ✓ | | ✓ | 3.0 A | 2 MHz | 3.3 V + 2*Adj + 5 V | ±2 % | 40 | 5 µA | – | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | QFN-20* |

* Wettable flank DFN/QFN: visual inspection is sufficient to guarantee proper soldering - no X-ray inspection needed.

** Device is ASIL B.

SINGLE LINEAR VOLTAGE REGULATORS

| Device | Output Voltage (V) | Tolerance (%) | Output Current | Dropout (Max) | Sleepmode Current Max | Quiescent Current [Max] @ Low Load (Load) | Enable | Reset (✓ = Adjustable) | Delay | Early Warning Flag/Monitor | Watchdog | Wakeup | Current Limit | Overvoltage | Overtemperature | Peak Transient (V) | Package(s) |
|------------|---|---------------|----------------|---------------|-----------------------|---|--------|------------------------|-------|----------------------------|----------|--------|---------------|-------------|-----------------|--------------------|--------------------------------------|
| NCV4294C | 3.3, 5 | ±4 | 30 mA | 0.25 V | – | 170 µA (100 µA) | | | | | | | ✓ | ✓ | | 60 | TSOP-5 |
| NCV4295C | 3.3, 5 | ±4 | 30 mA | 0.25 V | – | 170 µA (100 µA) | | ✓ | | | | | ✓ | ✓ | | 60 | TSOP-5 |
| NCV4296-2C | 3.3, 5 | ±4 | 30 mA | 0.25 V | 1 µA | 170 µA (100 µA) | ✓ | | | | | | ✓ | ✓ | | 60 | TSOP-5 |
| NCV8715 | 1.2, 1.5, 1.8, 2.5, 3.0, 3.3, 5 | ±2 | 50 mA | 0.35 V | – | 3.4 µA (100 µA) | | | | | | | ✓ | ✓ | | 24 | SC-70, XDFN-6 |
| NCV8716 | 1.2, 1.5, 1.8, 2.5, 3.0, 3.3, 5 | ±2 | 80 mA | 0.5 V | – | 3.4 µA (100 µA) | | | | | | | ✓ | ✓ | | 24 | WDFN-6 |
| NCV562 | 3.3 | ±2 | 80 mA | 0.25 V | 1 µA | 2.5 µA (100 µA) | ✓ | | | | | | ✓ | ✓ | | 6 | SC-70 |
| NCV563 | 1.5, 3.3 | ±2 | 80 mA | 0.25 V | – | 2.5 µA (100 µA) | | | | | | | ✓ | ✓ | | 6 | SC-70 |
| NCV553 | 5 | ±3 | 80 mA | 0.8 V | – | 6 µA (1 mA) | | | | | | | ✓ | ✓ | | 12 | SC-82 |
| NCV317L | Adj | ±4 | 100 mA | 1.9 V (Typ) | – | – | | | | | | | ✓ | ✓ | | 40 | SOIC-8, TO-92 |
| NCV2931 | Adj, 5 | ±5 | 100 mA | 0.6 V | 1 mA | 1 mA (10 mA) | ✓ | | | | | | ✓ | ✓ | ✓ | 60 | SOIC-8, DPAK-3, D2PAK-3 |
| NCV2931A | Adj, 5 | ±3.8 | 100 mA | 0.6 V | 1 mA | 1 mA (10 mA) | ✓ | | | | | | ✓ | ✓ | ✓ | 60 | SOIC-8, SOT-223, DPAK-3 |
| NCV2951 | Adj, 5 | ±2.4 | 100 mA | 0.45 V | – | 120 µA (100 µA) | ✓ | ✓ | | | | | ✓ | ✓ | | 32 | SOIC-8 |
| NCV2951A | Adj, 3.3, 5 | ±1.5 | 100 mA | 0.45 V | – | 120 µA (100 µA) | ✓ | ✓ | | | | | ✓ | ✓ | | 32 | SOIC-8 |
| NCV4949A | 5 | ±2 | 100 mA | 0.5 V | – | 260 µA (300 µA) | | ✓ | ✓ | ✓ | | | ✓ | ✓ | | 40 | SOIC-8, SOIC-8 EP, SOIC-20W |
| NCV612 | 1.5, 1.8, 2.5, 2.7, 2.8, 3.0, 3.1, 3.3, 5 | ±3 | 100 mA | 0.3 V | 1 µA | 90 µA (1 mA) | ✓ | | | | | | ✓ | ✓ | | 6 | SC-70 |
| NCV662 | 1.5, 1.8, 2.5, 2.7, 2.8, 3.0, 3.3, 5 | ±4 | 100 mA | 0.3 V | 1 µA | 6 µA (1 mA) | ✓ | | | | | | ✓ | ✓ | | 6 | SC-82 |
| NCV663 | 1.5, 1.8, 2.5, 2.7, 2.8, 3.0, 3.3, 5 | ±4 | 100 mA | 0.3 V | – | 6 µA (1 mA) | | | | | | | ✓ | ✓ | | 6 | SC-82 |
| NCV78LxxA | 5, 8, 12, 15, 24 | ±4 | 100 mA | 1.7 V (Typ) | – | – | | | | | | | ✓ | ✓ | | 30 | SOIC-8, TO-92 |
| NCV551 | 1.4, 1.5, 1.8, 2.5, 2.7, 2.8, 3.0, 3.1, 3.2, 3.3, 5 | ±3 | 150 mA | 0.22 V | 1 µA | 8 µA (1 mA) | ✓ | | | | | | ✓ | ✓ | | 12 | TSOP-5 |
| NCV4264-2 | 3.3, 5 | ±2 | 150 mA | 0.5 V | – | 70 µA (100 µA) | | | | | | | ✓ | ✓ | | 45 | SOT-223, SOIC-8 |
| NCV4264-2C | 3.3, 5 | ±2 | 150 mA | 0.5 V | – | 70 µA (100 µA) | | | | | | | ✓ | ✓ | | 45 | SOT-223 |
| NCV4266 | 3.3, 5 | ±2 | 150 mA | 0.5 V | 10 µA | 200 µA (1 mA) | ✓ | | | | | | ✓ | ✓ | | 45 | SOT-223 |
| NCV4266-2C | 3.3, 5 | ±2 | 150 mA | 0.5 V | 1 µA | 70 µA (100 µA) | ✓ | | | | | | ✓ | ✓ | | 45 | SOT-223 |
| NCV4269A | 3.3, 5 | ±2 | 150 mA | 0.5 V | – | 250 µA (1 mA) | | ✓ | ✓ | ✓ | | | ✓ | ✓ | | 60 | SOIC-8, SOIC-8 EP, SOIC-14, SOIC-20W |
| NCV4269C | 5 | ±2 | 150 mA | 0.5 V | – | 250 µA (1 mA) | | ✓ | ✓ | ✓ | | | ✓ | ✓ | | 60 | SOIC-14 |
| NCV4279A | 5 | ±2 | 150 mA | 0.5 V | – | 250 µA (1 mA) | | ✓ | ✓ | ✓ | | | ✓ | ✓ | | 60 | SOIC-8, SOIC-14 |
| NCV4279C | 5 | ±2 | 150 mA | 0.5 V | – | 250 µA (1 mA) | | ✓ | ✓ | ✓ | | | ✓ | ✓ | | 60 | SOIC-14 |
| NCV4299 | 3.3, 5 | ±2 | 150 mA | 0.5 V | 1 µA | 105 µA (1 mA) | ✓ | ✓ | ✓ | ✓ | | | ✓ | ✓ | | 60 | SOIC-8, SOIC-14 |
| NCV4299A | 3.3, 5 | ±2 | 150 mA | 0.5 V | 1 µA | 95 µA (100 µA) | ✓ | ✓ | ✓ | ✓ | | | ✓ | ✓ | | 60 | SOIC-14, TSSOP-14 EP |
| NCV571 | 0.8, 0.9, 1.0, 1.2 | ±4 | 150 mA | 0.45 V | 1 µA | 8 µA (150 mA) | ✓ | | | | | | ✓ | ✓ | ✓ | | TSOP-5, DFN-6 |
| NCV8170 | 1.2, 1.5, 1.8, 2.5, 2.8, 3.0, 3.3 | ±2 | 150 mA | 0.25 V | 0.5 µA | 0.9 µA (0 mA) | ✓ | | | | | | ✓ | ✓ | | 6 | XDFN-4, SOT-563 |
| NCV8501 | Adj, 2.5, 3.3, 5, 8, 10 | ±2 | 150 mA | 0.6 V | 30 µA | 75 µA (100 µA) | ✓ | ✓ | ✓ | ✓ | | | ✓ | ✓ | | 60 | SOIC-8, SOIC-16 EP |
| NCV8502 | Adj, 2.5, 3.3, 5, 8, 10 | ±2 | 150 mA | 0.6 V | – | 75 µA (100 µA) | | ✓ | ✓ | ✓ | | | ✓ | ✓ | | 60 | SOIC-8, SOIC-16 EP |
| NCV8560 | Adj., 1.3, 1.5, 1.8, 2.5, 2.8, 3.0, 3.3, 3.5, 5 | ±2 | 150 mA | 0.125 V | 1 µA | 180 µA (150 mA) | ✓ | | | | | | ✓ | ✓ | | 6 | DFN-6, TSOP-5 |
| NCV8660B | 3.3, 5 | ±2 | 150 mA | 0.6 V | – | 40 µA (150 mA) | | ✓ | ✓ | | | | ✓ | ✓ | | 40 | DPAK-5, SOIC-8 |
| NCV8664 | 3.3, 5 | ±2 | 150 mA | 0.6 V | – | 30 µA (100 µA) | | | | | | | ✓ | ✓ | | 45 | SOIC-8, SOT-223, DPAK-3 |

** See data sheet for details.

SINGLE LINEAR VOLTAGE REGULATORS

| Device | Output Voltage (V) | Tolerance (%) | Output Current | Dropout (Max) | Sleepmode Current Max | Quiescent Current [Max] @ Low Load (Load) | Enable | Reset (✓ = Adjustable) | Delay | Early Warning Flag/Monitor | Watchdog | Wakeup | Current Limit | Overvoltage | Overtemperature | Peak Transient (V) | Package(s) |
|------------|-------------------------|---------------|----------------|---------------|-----------------------|---|--------|------------------------|-------|----------------------------|----------|--------|---------------|-------------|-----------------|--------------------|----------------------------|
| NCV8664C | 3.3, 5 | ±2 | 150 mA | 0.6 V | – | 30 µA (100 µA) | | | | | | | ✓ | ✓ | | 45 | SOT-223 |
| NCV8665 | 5 | ±2 | 150 mA | 0.6 V | – | 40 µA (100 µA) | | ✓ | ✓ | | | | ✓ | ✓ | | 45 | D2PAK-5, SOIC-8 |
| NCV8667 | 5 | ±2 | 150 mA | 0.6 V | 1 µA | 50 µA (150 mA) | ✓ | ✓ | ✓ | ✓ | | | ✓ | ✓ | | 45 | SOIC-8, SOIC-14 |
| NCV8668 | 3.3, 5 | ±2 | 150 mA | 0.6 V | 1 µA | 44 µA (100 µA) | ✓ | ✓ | ✓ | | ✓ | | ✓ | ✓ | | 45 | SOIC-8, SOIC-8 EP, SOIC-14 |
| NCV8669 | 5 | ±2 | 150 mA | 0.6 V | – | 50 µA (150 mA) | | ✓ | ✓ | ✓ | | | ✓ | ✓ | | 45 | SOIC-14 |
| NCV8768 | 5 | ±1.5, ±2 | 150 mA | 0.6 V | 1 µA | 36 µA (100 µA) | ✓ | ✓ | ✓ | | ✓ | | ✓ | ✓ | | 45 | SOIC-14 |
| NCV8769 | 5 | ±2 | 150 mA | 0.6 V | – | 33 µA (150 mA) | | ✓ | ✓ | ✓ | | | ✓ | ✓ | | 45 | SOIC-14 |
| NCV4263-2C | 5 | ±2 | 200 mA | 0.5 V | 10 µA | 1.3 mA (0 mA) | ✓ | ✓✓ | ✓ | | ✓ | | ✓ | ✓ | | 45 | SOIC-8 EP, SOIC-14 |
| NCV8570B | 1.8, 2.5, 2.8, 3.0, 3.3 | ±2.5 | 200 mA | 0.23 V | 1 µA | 110 µA (1 mA) | ✓ | | | | | | ✓ | ✓ | | 6 | DFN-6, TSOP-5 |
| NCV8752 | 1.8, 2.8, 3, 3.3 | ±2 | 200 mA | 0.2 V | 1 µA | 12 µA (0 mA) | ✓ | ✓ | ✓ | | | | ✓ | ✓ | | 6 | XDFN-6, TSOP-5 |
| NCV8702 | 1.8, 2.8, 3, 3.3 | ±2 | 200 mA | 0.2 V | 1 µA | 16 µA (0 mA) | ✓ | | | | | | ✓ | ✓ | | 6 | XDFN6, TSOP-5 |
| NCV8160 | 1.8 - 5.14 | ±2 | 250 mA | 0.16 V | 1 µA | 23 µA | ✓ | | | | | | ✓ | ✓ | | 6 | XDFN-4 |
| NCV8163 | 1.20 - 5.3 | ±2 | 250 mA | 0.08 V | 1 µA | 20 µA | ✓ | | | | | | ✓ | ✓ | | 6 | XDFN-4 |
| NCV8114 | 0.9 - 3.6 | ±1 | 300 mA | 0.27 V | 1 µA | 95 µA | ✓ | | | | | | ✓ | ✓ | | 6 | TSOP-5 |
| NCV8130 | 0.8 - 2.1 | ±1.5 | 300 mA | 0.175 V | 1.5 µA | 110 µA | ✓ | | | | | | ✓ | ✓ | | 6 | XDFN-6 |
| NCV8133 | 0.8 - 2.1 | ±1.5 | 500 mA | 0.3 V | 1.5 µA | 110 µA | ✓ | | | | | | ✓ | ✓ | | 6 | XDFN-6 |
| NCV8720 | 0.8 - 2.1 | ±2 | 350 mA | 0.11 V | 2.0 µA | 110 µA | ✓ | | | | | | ✓ | ✓ | | 6 | WDFN-6 |
| NCV8161 | 1.8 - 5.14 | ±2 | 450 mA | 0.12 V | 1 µA | 23 µA | ✓ | | | | | | ✓ | ✓ | | 6 | XDFN-4, TSOP-5 |
| NCV8508B | 3.3, 5 | ±3 | 250 mA | 0.9 V | – | 150 µA (150 mA) | | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | | 60 | SOIC-8 EP, D2PAK-7 |
| NCV8518B | 5 | ±2 | 250 mA | 0.75 V | 1 µA | 150 µA (150 mA) | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | | 45 | SOIC-8 EP, SOIC-16 EP |
| NCV33275 | 3.3, 5 | ±2 | 300 mA | 0.5 V | – | 200 µA (0 mA) | | | | | | | ✓ | ✓ | | 13 | SOT-223 |
| NCV33375 | 1.8 | ±2 | 300 mA | 0.5 V | 4 µA | 200 µA (0 mA) | ✓ | | | | | | ✓ | ✓ | | 13 | SOT-223 |
| NCV8603 | 3.3 | ±2 | 300 mA | 0.23 V | 1 µA | 145 µA (1 mA) | ✓ | | | | | | ✓ | ✓ | | 6 | TSOP-5 |
| NCV8703 | 1.8, 2.8, 3, 3.3 | ±2 | 300 mA | 0.3 V | 2 µA | 20 µA (0 mA) | ✓ | | | | | | ✓ | ✓ | | 6 | XDFN6, TSOP-5 |
| NCV8674 | 5 | ±2 | 350 mA | 0.6 V | – | 38 µA (100 µA) | | | | | | | ✓ | ✓ | | 45 | D2PAK-3 |
| NCV8675 | 3.3, 5 | ±2, ±2.5 | 350 mA | 0.6 V | – | 50 µA (100 µA) | | ✓ | ✓ | | | | ✓ | ✓ | | 45 | DPAK-5, D2PAK-5 |
| NCV8770 | 5 | ±1.5, ±2 | 350 mA | 0.875 V | – | 28 µA (350 mA) | | ✓ | ✓ | | | | ✓ | ✓ | | 45 | D2PAK-5, DPAK-5 |
| NCV8772 | 3.3, 5 | ±1.5 | 350 mA | 0.875 V | 1 µA | 30 µA (350 mA) | ✓ | ✓** | ✓ | | | | ✓ | ✓ | | 45 | D2PAK-7, D2PAK-5, DPAK-5 |
| NCV8774 | 3.3, 5 | ±1.5, ±2 | 350 mA | 0.875 V | – | 23 µA (350 mA) | | | | | | | ✓ | ✓ | | 45 | DPAK-3 |
| NCV8503 | Adj, 2.5, 3.3, 5 | ±2 | 400 mA | 0.6 V | 1 µA | 350 µA (100 µA) | ✓ | ✓✓ | ✓ | ✓ | | | ✓ | ✓ | | 60 | SOIC-16 EP |
| NCV8504 | Adj, 2.5, 3.3, 5 | ±2 | 400 mA | 0.6 V | – | 150 µA (100 µA) | | ✓✓ | ✓ | ✓ | | | ✓ | ✓ | | 60 | SOIC-16 EP |
| NCV8505 | Adj, 2.5, 3.3, 5 | ±2 | 400 mA | 0.6 V | 1 µA | 350 µA (100 µA) | ✓ | ✓ | ✓ | | | | ✓ | ✓ | | 60 | D2PAK-7 |
| NCV8506 | Adj, 2.5, 3.3, 5 | ±2 | 400 mA | 0.6 V | – | 150 µA (100 µA) | | ✓ | ✓ | | | | ✓ | ✓ | | 60 | D2PAK-7 |
| NCV4274A | 2.5, 3.3, 5, 8.5 | ±2 | 400 mA | 0.5 V | – | 250 µA (1 mA) | | | | | | | ✓ | ✓ | | 60 | SOT-223, DPAK-3, D2PAK-3 |
| NCV4274C | 3.3, 5 | ±2 | 400 mA | 0.5 V | – | 250 µA (1 mA) | | | | | | | ✓ | ✓ | | 60 | DPAK-3 |
| NCV4276B | Adj, 3.3, 5 | ±2 | 400 mA | 0.5 V | 10 µA | 220 µA (1 mA) | ✓ | | | | | | ✓ | ✓ | | 45 | DPAK-5, D2PAK-5 |
| NCV4276C | Adj, 3.3, 5 | ±2 | 400 mA | 0.5 V | 10 µA | 220 µA (1 mA) | ✓ | | | | | | ✓ | ✓ | | 45 | DPAK-5, D2PAK-5 |
| NCV4275A | 3.3, 5 | ±2 | 450 mA | 0.5 V | – | 200 µA (1 mA) | | ✓ | ✓ | | | | ✓ | ✓ | | 45 | DPAK-5, D2PAK-5 |
| NCV4275C | 3.3, 5 | ±2 | 450 mA | 0.5 V | – | 200 µA (1 mA) | | ✓ | ✓ | | | | ✓ | ✓ | | 45 | DPAK-5, D2PAK-5 |
| NCV4290 | 5 | ±2 | 450 mA | 0.5 V | – | 230 µA (1 mA) | | ✓ | ✓ | | | | ✓ | ✓ | | 45 | DPAK-5, D2PAK-5 |

** See data sheet for details.

SINGLE LINEAR VOLTAGE REGULATORS

| Device | Output Voltage (V) | Tolerance (%) | Output Current | Dropout (Max) | Sleepmode Current Max | Quiescent Current [Max] @ Low Load (Load) | Enable | Reset (✓/✓ = Adjustable) | Delay | Early Warning Flag/Monitor | Watchdog | Wakeup | Current Limit | Overvoltage | Overtemperature | Peak Transient (V) | Package (s) |
|-----------|--|---------------|----------------|---------------|-----------------------|---|--------|--------------------------|-------|----------------------------|----------|--------|---------------|-------------|-----------------|--------------------|-------------------------|
| NCV317M | Adj | ±4 | 500 mA | 2.2 V (Typ) | — | — | | | | | | | ✓ | ✓ | | 40 | DPAK-3 |
| NCV5500 | Adj, 1.5, 3.3, 5 | ±4.9 | 500 mA | 0.7 V | 50 µA | 500 µA (100 µA) | ✓ | | | | | | ✓ | ✓ | | 18 | SOIC-8, DPAK-5 |
| NCV5501 | 1.5, 3.3, 5 | ±4.9 | 500 mA | 0.7 V | — | 500 µA (100 µA) | | | | | | | ✓ | ✓ | | 18 | DPAK-3 |
| NCV78Mxx | 5, 8, 12, 15 | ±4 | 500 mA | ** | — | ** | | | | | | | ✓ | ✓ | | 35 | DPAK-3, TO-220 |
| NCV78MxxA | 5 | ±4 | 500 mA | ** | — | ** | | | | | | | ✓ | ✓ | | 35 | DPAK-3 |
| NCV8141 | 5 | ±3 | 500 mA | 1.5 V | 50 µA | ** | ✓ | ✓ | ✓ | | ✓ | | ✓ | ✓ | ✓ | 60 | D2PAK-7 |
| NCV8535 | Adj, 1.5, 1.8, 2.5, 2.8, 2.85, 3.0, 3.3, 5 | ±1.5 | 500 mA | 0.34 V | 1 µA | 190 µA (100 µA) | ✓ | | | | | | ✓ | ✓ | | 16 | DFN-10 |
| NCV8537 | Adj, 1.8, 2.5, 3.3, 5.0 | ±1.5 | 500 mA | 0.34 V | 1 µA | 190 µA (100 µA) | ✓ | | | ✓ | | | ✓ | ✓ | | 16 | DFN-10 |
| NCV8605 | Adj, 1.5, 1.8, 2.5, 2.8, 3, 3.3, 5 | ±1.5 | 500 mA | 0.2 V | — | 145 µA (100 µA) | | | | | | | ✓ | ✓ | | 6 | DFN-6 |
| NCV8606 | Adj, 1.5, 1.8, 2.5, 2.8, 3, 3.3, 5 | ±1.5 | 500 mA | 0.2 V | 1 µA | 145 µA (100 µA) | ✓ | | | | | | ✓ | ✓ | | 6 | DFN-6 |
| NCV8705 | 0.8 - 3.5V, ADJ | ±2 | 500 mA | 0.35 V | 2.0 µA | 25 µA | ✓ | | | | | | ✓ | ✓ | | 6 | WDFN-6, DFN-8, DFNW-8 |
| NCV8177 | 0.8 - 2.1 | -2.5/1.5 | 500 mA | 0.22 V | 1.5 µA | 90 µA | ✓ | | | | | | ✓ | ✓ | | 6 | XDFN-4, WDFNW-8 |
| NCV33269 | Adj, 3.3, 5, 12 | ±2 | 800 mA | 1.35 V | — | — | | | | | | | ✓ | ✓ | | 20 | DPAK-3 |
| NCV78xxA | 5, 12 | ±4 | 1 A | ** | — | — | | | | | | | ✓ | ✓ | | 35 | D2PAK-3, TO-220 |
| NCV78xx | 5, 8, 12, 15 | 5% | 1 A | ** | — | — | | | | | | | ✓ | ✓ | | 35 | DPAK-3, D2PAK-3, TO-220 |
| NCV5661 | Adj, 1.2, 1.5, 1.8, 2.5, 2.8, 3.0, 3.3 | ±2 | 1 A | 1.3 V | 300 µA | — | ✓ | ✓ | | | | | ✓ | ✓ | | 18 | DPAK-5, DFN-6 |
| NCV8186 | 1.2 - 3.9 V | ±1 | 1 A | 1.2 V | — | — | ✓ | | | | | | ✓ | ✓ | | 6 | DFN-8 |
| NCV1117 | Adj, 1.5, 1.8, 2, 2.5, 3.3, 5, 12 | ±2 | 1 A | 1.2 V | — | — | | | | | | | ✓ | ✓ | | 20 | DPAK-3, SOT-223 |
| NCV8187 | 1.2, 1.8, 3.3 | ±2 | 1.2A | 0.495V | 5 µA | 45 µA | ✓ | | | | | | ✓ | ✓ | | 6 | WDFN6, DFNW6, DFN6 |
| NCV317 | Adj | ±4 | 1.5 A | 2.25 V (Typ) | — | — | | | | | | | ✓ | ✓ | | 40 | D2PAK-3, TO-220 |
| NCV565 | Adj | ±3 | 1.5 A | 1.3 V | — | — | | | | | | | ✓ | ✓ | | 18 | D2PAK-5 |
| NCV57152 | Adj | ±2 | 1.5 A | 0.52 V | 5 µA | — | ✓ | | | | | | ✓ | ✓ | | 18 | D2PAK-5, DFN8 |
| NCV59150 | Adj, 1.8, 2.5, 2.8, 3.0, 3.3, 5.0 | ±1.5 | 1.5 A | 0.5 V | 5 µA | — | ✓ | | | ✓ | | | ✓ | ✓ | | 18 | DFN-8, D2PAK-3, D2PAK-5 |
| NCV59151 | 1.8, 2.5, 2.8, 3.0, 3.3, 5.0 | ±1.5 | 1.5 A | 0.5 V | 5 µA | — | ✓ | ✓ | | | | | ✓ | ✓ | | 18 | DFN-8, D2PAK-3, D2PAK-5 |
| NCV59152 | Adj | ±1.5 | 1.5 A | 0.5 V | 5 µA | — | ✓ | | | | | | ✓ | ✓ | | 18 | DFN-8, D2PAK-3, D2PAK-5 |
| NCV59748 | Adj | ±2.0 | 1.5 A | 0.165 V | 50 µA | 2000 µA | ✓ | | | | | | ✓ | ✓ | | 6 | DFN-10 |
| NCV5662 | Adj, 1.5 | ±2 | 2 A | 1.3 V | 300 µA | — | ✓ | ✓ | | | | | ✓ | ✓ | | 18 | D2PAK-5 |
| NCV57302 | Adj | ±2.5 | 3 A | 0.52 V | 5 µA | — | ✓ | | | | | | ✓ | ✓ | | 18 | D2PAK-5 |
| NCV59300 | 1.8, 2.5, 2.8, 3.0, 3.3, 5.0 | ±2 | 3 A | 0.5 V | 5 µA | — | ✓ | | | | | | ✓ | ✓ | | 18 | D2PAK-5, D2PAK-3 |
| NCV59301 | 1.8, 2.5, 2.8, 3.0, 3.3, 5.0 | ±2 | 3 A | 0.5 V | 5 µA | — | ✓ | ✓ | | | | | ✓ | ✓ | | 18 | D2PAK-5 |
| NCV59302 | Adj | ±2 | 3 A | 0.5 V | 5 µA | — | ✓ | | | | | | ✓ | ✓ | | 18 | D2PAK-5 |
| NCV59744 | Adj | ±1 | 3 A | 0.195 V | 15 µA | 2000 µA | ✓ | | | | | | ✓ | ✓ | | 6 | QFN-20 |
| NCV5663 | Adj, 1.5 | ±2 | 3 A | 1.3 V | 300 µA | — | ✓ | ✓ | | | | | ✓ | ✓ | | 18 | D2PAK-5 |

** See data sheet for details.

DUAL AND MULTIPLE LINEAR VOLTAGE REGULATORS

| Device | Output Voltage (V) | Tolerance (%) | Output Current (mA) | Dropout Max | Sleepmode Current Max | Quiescent Current [Max] @ Low Load (Load) | Reset | Delay | Sequenced | Automatic Switchover (ASO) | Early Warning Flag/Monitor | Current Limit | Overvoltage Shutdown | Overtemperature | Peak Transient (V) | Package(s) |
|----------|--|----------------|---------------------|-------------------------|-----------------------|---|-------|-------|-----------|----------------------------|----------------------------|---------------|----------------------|-----------------|--------------------|--------------|
| NCV8509 | 5.0, 5.0, 3.3 2.6, 2.5, 1.8 | ±2 ±2 | 100 115 | 0.6 V – | – | 175 µA (200 µA) | ✓ | ✓ | ✓ | | | ✓ | | ✓ | 50 | SOIC-16 ePad |
| NCV5504 | Adj 3.3 | ±2 ±2 | 250 250 | 0.4 V 0.4 V | – | 450 µA (0 µA) | | | | | | ✓ | | ✓ | 18 | DPAK-5 |
| NCV8152 | 1.2, 1.5, 1.8, 2.8, 3.0, 3.3 1.2, 1.8, 2.5, 2.8, 3.0, 3.3 | ±2.8 ±2.8 | 300 300 | 0.24 V 0.24 V | 1 µA | 200 µA (0 mA) | ✓ | | | | | ✓ | | ✓ | 6 | XDFN-6 |
| NCV8154 | 1.8, 3.0, 3.3 1.8, 2.8, 3.0, 3.3 | ±3 ±3 | 300 300 | 0.29 V 0.29 V | 1 µA | 200 µA (0 mA) | ✓ | | | | | ✓ | | ✓ | 6 | DFN-10 |
| NCV8614B | 5 3.3 Adj | ±2 ±2 ±2 | 100 300 400 | 0.5 V 1.5 V 2.5 V | 0.5 µA | 50 µA (70 µA) | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | 45 | DFN-20 |

TRACKING REGULATORS

| Device | Output Voltage | Tolerance | Output Current | Dropout Max | Sleepmode Current Max | Quiescent Current [Max] @ Low Load (Load) | Enable | Reset | Current Limit | Overvoltage Shutdown | Overtemperature | Peak Transient (V) | Package(s) |
|------------|-----------------|----------------|------------------|----------------|-----------------------|---|--------|-------|---------------|----------------------|-----------------|--------------------|-------------------------------|
| NCV4250-2C | Tracking | ±5 mV | 50 mA | 0.3 V | 20 µA | 150 µA (1 mA) | ✓ | | ✓ | | ✓ | 45 | TSOP-5 |
| CS8182 | Tracking | ±10 mV | 200 mA | 0.6 V | 55 µA | 150 µA (100 µA) | ✓ | | ✓ | | ✓ | 45 | DPAK-5, D2PAK-5, SOIC-8 Fused |
| CS8361 | Tracking 5 V | ±25 mV ±2 % | 250 mA 100 mA | 0.7 V 0.6 V | 200 µA | 200 µA (300 µA) | ✓ | ✓ | ✓ | ✓ | ✓ | 60 | D2PAK-7, SOIC-16 Fused |
| NCV4254C | Tracking | ±3 mV | 70 mA | 0.4 V | | 80 µA (100 µA) | ✓ | | ✓ | | ✓ | 45 | SOIC-8, SOIC-8 ePad |

** See data sheet for details.

CURRENT SENSE REGULATORS

| Device | Output Voltage | Tolerance | Output Current (mA) | Dropout Max (V) | Sleepmode Current Max | Quiescent Current [Max] @ Low Load (Load) | Enable | Current Sense Output | Error Flag | Off State Diagnostics | Current Limit | Overtemperature | Peak Transient (V) | Package(s) |
|----------|--|-----------|---------------------|-----------------|-----------------------|---|--------|----------------------|------------|-----------------------|---------------|-----------------|--------------------|-------------------|
| NCV47551 | Adj | ±3 | 20 | 0.5 | 10 µA | 380 µA (100 µA) | ✓ | ✓ | | | ✓ | ✓ | 45 | SOIC-8 |
| NCV47411 | Dual Adj | ±3 | 100 | 0.55 | 10 µA | 370 µA (500 µA) | ✓ | ✓ | | | ✓ | ✓ | 45 | TSSOP-14 ePad |
| NCV47721 | Adj | ±3 | 200 | 0.5 | 10 µA | 1 mA (500 µA) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 60 | TSSOP-14 ePad |
| NCV47821 | Dual Adj | ±3 | 200 | 0.5 | 10 µA | 1 mA (500 µA) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 60 | TSSOP-14 ePad |
| NCV47722 | High Side Switch | ±3 | 250 | 0.4 | 10 µA | 1.5 mA (500 µA) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 60 | TSSOP-14 ePad |
| NCV47822 | Dual High Side Switch | ±3 | 250 | 0.4 | 10 µA | 1.5 mA (500 µA) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 60 | TSSOP-14 ePad |
| NCV47823 | Dual High Side Switch w/ Adjustable Constant Current | ±3 | 250 | 0.4 | 10 µA | 1.5 mA (500 µA) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 60 | TSSOP-14 ePad |
| NCV47700 | Adj | ±6 | 350 | 0.5 | 10 µA | 230 µA (1 mA) | ✓ | ✓ | | | ✓ | ✓ | 45 | SOIC-8, SOIC-8 EP |
| NCV47701 | Adj | ±3 | 350 | 0.5 | 10 µA | 230 µA (1 mA) | ✓ | ✓ | | | ✓ | ✓ | 45 | SOIC-8, SOIC-8 EP |
| NCV47710 | Adj | ±6 | 350 | 0.5 | 10 µA | 230 µA (1 mA) | ✓ | ✓ | | | ✓ | ✓ | 45 | SOIC-8, SOIC-8 EP |
| NCV47711 | Adj | ±3 | 350 | 0.5 | 10 µA | 230 µA (1 mA) | ✓ | ✓ | | | ✓ | ✓ | 45 | SOIC-8, SOIC-8 EP |

CHARGE PUMPS

| Device | Buck | Boost | Pass Mode (LDO) | Output Current In Buck Mode | Output Current In Boost Mode | Output Current In Pass Mode | FSW | Output Voltage | Tolerance | Sleepmode Current (Typ) | Quiescent Current (Max) @ Low Load (Load) | Enable | Reset | Charge Pump Active Output | TSD | UVLO | Overtoltage | Short Circuit | Current Limit | Peak Transient (V) | Package(s) |
|----------|------|-------|-----------------|-----------------------------|------------------------------|-----------------------------|---------|----------------|-----------|-------------------------|---|--------|-------|---------------------------|-----|------|-------------|---------------|---------------|--------------------|--------------------|
| NCV48220 | | ✓ | ✓ | – | Up to 150 mA | Up to 150 mA | 450 kHz | 5 V | ±2 % | 1 µA | 40 µA (100 µA) | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | 45 | SOIC-16W |
| NCV48920 | ✓ | ✓ | | Up to 600 mA | Up to 300 mA | | 450 kHz | 5 V | ±2 % | 1 µA | 50 µA (100 µA) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 45 | TSSOP-14 Epad, DFN |

LINEAR VOLTAGE REFERENCES

| Device | Type | V _(BR) Typ (V) | Tolerance (%) | I _Q Typ (mA) | I _R Min (mA) | V _F Max (V) | Package(s) |
|-----------|------------|---------------------------|---------------|-------------------------|-------------------------|------------------------|----------------|
| SC431AVSN | Adjustable | 2.5 | 1 | 0.04 | 0.04 | 36 | SOT-23-3 |
| NCV431A | Adjustable | 2.495 | 1 | 0.5 | 1 | 36 | Micro8, SOIC-8 |
| NCV431B | Adjustable | 2.495 | 0.4 | 0.5 | 1 | 36 | Micro8, SOIC-8 |
| NCV1009 | Fixed | 2.5 | 0.2 | – | 0.4 | – | SOIC-8 |
| NCP51460 | – | 3.3 | 1 | 0.14 | 20 | 30 | SOT-23-3 |

DDR VOLTAGE REGULATORS

| Device | Output Current (A) | V _{CC} Range (V) | Applications | Package(s) |
|----------|--------------------|---------------------------|--|------------|
| NCV51190 | ±1.5 A | 1.5 - 2.5 | DDR-2, DDR-3, DDR-4 | DFN-8 |
| NCV51198 | ±1.5 A | 1.5 - 2.5 | DDR, DDR-2, DDR-3 | SOIC-8 EP |
| NCV51199 | ±2 A | 1.5 - 5.5 | DDR-2, DDR-3 | SOIC-8 EP |
| NCV51510 | ±3 A | 1.1 - 3.6 | DDR, DDR-2, DDR-3, DDR-4 | DFN-10 |
| NCV51200 | ±3 A | 1.5 - 3.5 | DDR, DDR-2, DDR-3, DDR-4 | DFN-10 |
| NCV51400 | ±3 A | 1.1 - 3.5 | DDR, DDR-2, DDR-3, LPDDR-3, DDR-4, LPDDR-4 | DFN-10 |

EEPROMs

| Interface Protocol | Device | Density | Organization | Temperature Range | V _{CC} Min (V) | V _{CC} Max (V) | f _{clk} Max (MHz) | Package(s) |
|--------------------|-----------|---------|--------------|-------------------------|-------------------------|-------------------------|----------------------------|---------------------------|
| I2C | CAV24M01 | 1 Mb | 128k x 8 | -40 to +125°C (Grade 1) | 2.5 | 5.5 | 1 | SOIC-8, TSSOP-8 |
| | CAV24C512 | 512 kb | 64k x 8 | | 2.5 | 5.5 | 1 | SOIC-8, TSSOP-8 |
| | CAV24C256 | 256 kb | 32k x 8 | | 2.5 | 5.5 | 1 | SOIC-8, TSSOP-8 |
| | CAV24C128 | 128 kb | 16k x 8 | | 2.5 | 5.5 | 1 | SOIC-8, TSSOP-8 |
| | CAV24C64 | 64 kb | 8k x 8 | | 2.5 | 5.5 | 0.4 | SOIC-8, TSSOP-8, WLCS-4 |
| | CAV24C32 | 32 kb | 4k x 8 | | 2.5 | 5.5 | 0.4 | SOIC-8, TSSOP-8, WLCS-4/5 |
| | CAV24C16 | 16 kb | 2k x 8 | | 2.5 | 5.5 | 0.4 | SOIC-8, TSSOP-8, WLCS-4/5 |
| | CAV24C08 | 8 kb | 1k x 8 | | 2.5 | 5.5 | 0.4 | SOIC-8, TSSOP-8, WLCS-4/5 |
| | CAV24C04 | 4 kb | 512 x 8 | | 2.5 | 5.5 | 0.4 | SOIC-8, TSSOP-8, WLCS-4/5 |
| | CAV24C02 | 2 kb | 256 x 8 | | 2.5 | 5.5 | 0.4 | SOIC-8, TSSOP-8 |
| | N24C64 | 64 kb | 8k x 8 | -40 to +125°C (Grade 1) | 1.8 | 5.5 | 1 | US-8 |
| | N24C32 | 32 kb | 4k x 8 | | 1.8 | 5.5 | 1 | US-8 |
| | N24C16 | 16 kb | 2k x 8 | | 1.8 | 5.5 | 1 | US-8 |
| | N24C08 | 8 kb | 1k x 8 | | 1.8 | 5.5 | 1 | US-8 |
| N24C04 | 4 kb | 512 x 8 | 1.8 | | 5.5 | 1 | US-8 | |
| N24C02 | 2 kb | 256 x 8 | 1.8 | | 5.5 | 1 | US-8 | |

* Other packages to follow.

EEPROMs

| Interface Protocol | Device | Density | Organization | Temperature Range | V _{cc} Min (V) | V _{cc} Max (V) | f _{clk} Max (MHz) | Package(s) | |
|--------------------|-----------|----------|--------------------|----------------------------|----------------------------|-------------------------|----------------------------|--|-----------------|
| SPI | CAV25M01 | 1 Mb | 128k x 8 | -40 to +125°C (Grade 1) | 2.5 | 5.5 | 10 | SOIC-8, TSSOP-8 | |
| | CAV25512 | 512 kb | 64k x 8 | | 2.5 | 5.5 | 10 | SOIC-8, TSSOP-8 | |
| | CAV25256 | 256 kb | 32k x 8 | | 2.5 | 5.5 | 10 | SOIC-8, TSSOP-8 | |
| | CAV25128 | 128 kb | 16k x 8 | | 2.5 | 5.5 | 10 | SOIC-8, TSSOP-8 | |
| | CAV25640 | 64 kb | 8k x 8 | | 2.5 | 5.5 | 10 | SOIC-8, TSSOP-8, TDFN-8 | |
| | CAV25320 | 32 kb | 4k x 8 | | 2.5 | 5.5 | 10 | SOIC-8, TSSOP-8 | |
| | CAV25160 | 16 kb | 2k x 8 | | 2.5 | 5.5 | 10 | SOIC-8, TSSOP-8 | |
| | CAV25080 | 8 kb | 1k x 8 | | 2.5 | 5.5 | 10 | SOIC-8, TSSOP-8 | |
| | CAV25040 | 4 kb | 512 x 8 | | 2.5 | 5.5 | 10 | SOIC-8, TSSOP-8 | |
| | CAV25020 | 2 kb | 256 x 8 | | 2.5 | 5.5 | 10 | SOIC-8, TSSOP-8 | |
| | CAV25010 | 1 kb | 128 x 8 | 2.5 | 5.5 | 10 | SOIC-8, TSSOP-8 | | |
| | NV25640 | 64 kb | 8k x 8 | -40 to +150°C (Grade 0) | 2.5 | 5.5 | 10 | SOIC-8, TSSOP-8 | |
| | NV25320 | 32 kb | 4k x 8 | | 2.5 | 5.5 | 10 | SOIC-8, TSSOP-8 | |
| | NV25160 | 16 kb | 2k x 8 | | 2.5 | 5.5 | 10 | SOIC-8, TSSOP-8 | |
| | NV25080 | 8 kb | 1k x 8 | | 2.5 | 5.5 | 10 | SOIC-8, TSSOP-8 | |
| | NV25040 | 4 kb | 512 x 8 | | 2.5 | 5.5 | 10 | SOIC-8, TSSOP-8 | |
| | NV25020 | 2 kb | 256 x 8 | | 2.5 | 5.5 | 10 | SOIC-8, TSSOP-8 | |
| | NV25010 | 1 kb | 128 x 8 | 2.5 | 5.5 | 10 | SOIC-8, TSSOP-8 | | |
| | NV25512WF | 512 kb | 64k x 8 | -40 to +125°C (Grade 1) | 1.8 | 5.5 | 10 | UDFN-8 Wettable Flank | |
| | NV25256WF | 256 kb | 32k x 8 | | 1.8 | 5.5 | 10 | UDFN-8 Wettable Flank | |
| | NV25128WF | 128 kb | 16k x 8 | | 2.5 | 5.5 | 10 | UDFN-8 Wettable Flank | |
| | NV25640WF | 64 kb | 8k x 8 | | 2.5 | 5.5 | 10 | UDFN-8 Wettable Flank | |
| | NV25320WF | 32 kb | 4k x 8 | | 2.5 | 5.5 | 10 | UDFN-8 Wettable Flank | |
| | NV25160WF | 16 kb | 2k x 8 | | 1.8 | 5.5 | 10 | UDFN-8 Wettable Flank | |
| | NV25080WF | 8 kb | 1k x 8 | | 1.8 | 5.5 | 10 | UDFN-8 Wettable Flank | |
| | NV25040WF | 4 kb | 512 x 8 | | 1.8 | 5.5 | 10 | UDFN-8 Wettable Flank | |
| | NV25020WF | 2 kb | 256 x 8 | | 1.8 | 5.5 | 10 | UDFN-8 Wettable Flank | |
| | NV25010WF | 1 kb | 128 x 8 | | 1.8 | 5.5 | 10 | UDFN-8 Wettable Flank | |
| | Microwire | CAV93C86 | 16 kb | 2k x 8 / 1k x 16 | -40 to +125°C (Grade 1) | 2.5 | 5.5 | 2 | SOIC-8, TSSOP-8 |
| | | CAV93C76 | 8 kb | 1k x 8 / 512 x 16 | | 2.5 | 5.5 | 2 | SOIC-8, TSSOP-8 |
| CAV93C66 | | 4 kb | 512 x 8 / 256 x 16 | 2.5 | | 5.5 | 2 | SOIC-8, TSSOP-8 | |
| CAV93C56 | | 2 kb | 256 x 8 / 128 x 16 | 2.5 | | 5.5 | 2 | SOIC-8, TSSOP-8 | |
| CAV93C46 | | 1 kb | 128 x 8 / 64 x 16 | 2.5 | | 5.5 | 2 | SOIC-8, TSSOP-8 | |
| SPI | NV25640LV | 64 kb | 8k x 8 | -40 to +125°C (Grade 1) | 1.7 | 5.5 | 20 | SOIC-8, TSSOP-8* | |
| | NV25320LV | 32 kb | 4k x 8 | | 1.7 | 5.5 | 20 | SOIC-8, TSSOP-8* | |
| | NV25160LV | 16 kb | 2k x 8 | | 1.7 | 5.5 | 20 | SOIC-8, TSSOP-8* | |
| | NV25080LV | 8 kb | 1k x 8 | | 1.7 | 5.5 | 20 | SOIC-8, TSSOP-8* | |
| | NV25040LV | 4 kb | 512 x 8 | | 1.7 | 5.5 | 20 | SOIC-8, TSSOP-8* | |
| | NV25020LV | 2 kb | 256 x 8 | | 1.7 | 5.5 | 20 | SOIC-8, TSSOP-8* | |
| | NV25010LV | 1 kb | 128 x 8 | | 1.7 | 5.5 | 20 | SOIC-8, TSSOP-8* | |
| I2C | NV24C64LV | 64 kb | 8k x 8 | -40 to +125°C (Grade 1) | 1.7 | 5.5 | 20 | SOIC-8, TSSOP-8, US8, UDNF-8 Wettable Flank | |
| | NV24C32LV | 32 kb | 4k x 8 | | 1.7 | 5.5 | 20 | SOIC-8, TSSOP-8, US8, UDNF-8 Wettable Flank | |
| | NV24C16LV | 16 kb | 2k x 8 | | 1.7 | 5.5 | 20 | SOIC-8, TSSOP-8, US8, UDNF-8 Wettable Flank* | |
| | NV24C08LV | 8 kb | 1k x 8 | | 1.7 | 5.5 | 20 | SOIC-8, TSSOP-8, US8, UDNF-8 Wettable Flank* | |
| | NV24C04LV | 4 kb | 512 x 8 | | 1.7 | 5.5 | 20 | SOIC-8, TSSOP-8, US8, UDNF-8 Wettable Flank | |

* Other packages to follow.

MOSFETs

| Device | Configuration | Polarity | V _{DSS} (V) | Gate Level | R _{DS(on)} Max @ 10 V (mΩ) | Q _G @ 10 V Typ (nC) | Package(s) |
|-----------------|---------------|----------|----------------------|------------|-------------------------------------|--------------------------------|------------|
| 30 V | | | | | | | |
| NVMFS4C01N | Single | N | 30 | LL | 0.67 | 139 | SO-8FL |
| NVMFS4C302N | Single | N | 30 | LL | 1.15 | 11.6 | SO-8FL |
| NVTFS4C02N* | Single | N | 30 | LL | 2.25 | tbc | μ8FL |
| NVMFS4C03N | Single | N | 30 | LL | 2.3 | 45.2 | SO-8FL |
| NVMFS4C05N | Single | N | 30 | LL | 3.4 | 30 | SO-8FL |
| NVMFS4C306N* | Single | N | 30 | LL | 3.4 | 11.6 | SO-8FL |
| NVTFS4C05N | Single | N | 30 | LL | 3.6 | 31 | μ8FL |
| NVD4C05N | Single | N | 30 | LL | 4.1 | 31 | DPAK |
| NVTFS4C06N | Single | N | 30 | LL | 4.2 | 26 | μ8FL |
| NVMFS4C308N* | Single | N | 30 | LL | 4.8 | 8.4 | SO-8FL |
| NVTFS4C08N | Single | N | 30 | LL | 5.9 | 18.2 | μ8FL |
| NVMFS4C310N | Single | N | 30 | LL | 6 | 9.7 | SO-8FL |
| NVTFS4C10N | Single | N | 30 | LL | 7.4 | 19.2 | μ8FL |
| NVATS4A104PZ | Single | P | 30 | SL | 8.4 | 76 | ATPAK |
| NVLUS4C12N | Single | N | 30 | LL | 9 | 8.4 | P22 |
| NVTFS4C13N | Single | N | 30 | LL | 9.4 | 15.2 | μ8FL |
| NVATS4A103PZ | Single | P | 30 | SL | 13 | 47 | ATPAK |
| NVTFS4C25N | Single | N | 30 | LL | 17 | 10.3 | μ8FL |
| NVATS4A102PZ | Single | P | 30 | SL | 18.5 | 34 | ATPAK |
| NVLUD4C26N | Dual | N | 30 | LL | 21 | 5 | Power22 |
| NVATS4A101PZ | Single | P | 30 | SL | 30 | 18.5 | ATPAK |
| NVLJD4007NZ | Dual | N | 30 | LL | 7000 | 0.75 | Power22 |
| 40 V | | | | | | | |
| NVMTS0D4N04CL | Single | N | 40 | LL | 0.42 | 341 | Power88 |
| NVMTS0D4N04C | Single | N | 40 | SL | 0.44 | 250 | Power88 |
| NVMTS0D6N04CL | Single | N | 40 | LL | 0.56 | tbc | Power88 |
| NVBLS0D5N04M8 | Single | N | 40 | SL | 0.57 | 220 | TO-LL |
| NVMTS0D6N04C | Single | N | 40 | SL | 0.58 | 185 | Power88 |
| FDBL9401L-F085 | Single | N | 40 | LL | 0.6 | 280 | TO-LL |
| NVMTS0D7N04CL | Single | N | 40 | LL | 0.63 | 205 | Power88 |
| NVMFS5C404NL | Single | N | 40 | LL | 0.67 | 181 | SO-8FL |
| NVMFS5C404N | Single | N | 40 | SL | 0.7 | 128 | SO-8FL |
| NVMTS0D7N04C | Single | N | 40 | SL | 0.74 | 141 | Power88 |
| NVBLS0D7N04M8 | Single | N | 40 | SL | 0.75 | 144 | TO-LL |
| NVMFS5C406NL | Single | N | 40 | LL | 0.77 | tbc | SO-8FL |
| NVMFS5C406N | Single | N | 40 | SL | 0.8 | 110 | SO-8FL |
| NVMJS0D8N04CL | Single | N | 40 | LL | 0.83 | 162 | LFPAK8 |
| FDBL9403L-F085 | Single | N | 40 | LL | 0.85 | 186 | TO-LL |
| NVMFS5C410NL | Single | N | 40 | LL | 0.9 | 143 | SO-8FL |
| NVMFSC0D9N04CL* | Single | N | 40 | LL | 0.9 | tbc | DFN-8 DC |
| NVMJS0D9N04C | Single | N | 40 | SL | 0.9 | 162 | LFPAK8 |
| NVMFS5C410N | Single | N | 40 | SL | 0.92 | 86 | SO-8FL |
| NVMJS0D9N04CL | Single | N | 40 | LL | 0.92 | 143 | LFPAK8 |
| NVMFSC0D9N04C* | Single | N | 40 | SL | 0.87 | 86 | DFN-8 DC |
| NVMJS1D0N04C | Single | N | 40 | SL | 1 | 86 | LFPAK8 |
| FDBL9406L-F085 | Single | N | 40 | LL | 1.1 | 121 | TO-LL |
| NVMFS5C426NL | Single | N | 40 | LL | 1.1 | 65 | SO-8FL |
| FDB9403-F085 | Single | N | 40 | SL | 1.2 | 164 | D2PAK |
| FDB9403L-F085 | Single | N | 40 | LL | 1.2 | 186 | D2PAK |
| NVMYS1D2N04CL | Single | N | 40 | LL | 1.2 | 74 | LFPAK4 |
| NVMJS1D2N04CL | Single | N | 40 | LL | 1.25 | 92 | LFPAK8 |
| NVMFS5C426N | Single | N | 40 | SL | 1.3 | 65 | SO-8FL |

* Pending 3Q19. ** Pending 4Q19.

MOSFETs

| Device | Configuration | Polarity | V _{DSS} (V) | Gate Level | R _{DS(on)} Max @ 10 V (mΩ) | Q _G @ 10 V Typ (nC) | Package(s) |
|------------------|---------------|----------|-------------------------|------------|--|-----------------------------------|-------------|
| NVMJS1D3N04C | Single | N | 40 | SL | 1.3 | 65 | LFPAK8 |
| NVMYS1D3N04C | Single | N | 40 | SL | 1.3 | 74 | LFPAK4 |
| NVMFS5C430NL | Single | N | 40 | LL | 1.5 | 70 | SO-8FL |
| NVMJS1D5N04CL | Single | N | 40 | LL | 1.55 | 70 | LFPAK8 |
| NVMFS5C430N | Single | N | 40 | SL | 1.7 | 47 | SO-8FL |
| NVMJS1D7N04C | Single | N | 40 | SL | 1.7 | 47 | LFPAK8 |
| FDB9406-F085 | Single | N | 40 | SL | 1.8 | 107 | D2PAK |
| FDB9406L-F085 | Single | N | 40 | LL | 1.8 | 121 | D2PAK |
| FDD9407-F085 | Single | N | 40 | SL | 1.8 | 86 | DPAK |
| NVMFS2D3P04M8L** | Single | P | 40 | LL | 1.9 | tbc | SO-8FL |
| FDD9407L-F085 | Single | N | 40 | LL | 2 | 96 | DPAK |
| NVMFS5C423NL | Single | N | 40 | LL | 2 | 50 | SO-8FL |
| NVMYS2D1N04CL* | Single | N | 40 | LL | 2.15 | 50 | LFPAK4 |
| NVTFS002N04CLTAG | Single | N | 40 | LL | 2.2 | 40 | μ8FL |
| NVD5C434N | Single | N | 40 | SL | 2.2 | 86 | DPAK |
| NVMFS5C442N | Single | N | 40 | SL | 2.3 | 32 | SO-8FL |
| NVTFS002N04CTAG | Single | N | 40 | SL | 2.4 | 32 | μ8FL |
| NVMYS2D4N04C* | Single | N | 40 | SL | 2.4 | 32 | LFPAK4 |
| NVMFS5C442NL | Single | N | 40 | LL | 2.5 | 50 | SO-8FL |
| FDB9503L-F085 | Single | P | 40 | LL | 2.6 | 196 | D2PAK |
| FDD9409-F085 | Single | N | 40 | SL | 2.6 | 42 | DPAK |
| FDD9409L-F085 | Single | N | 40 | LL | 2.6 | 52 | DPAK |
| NVMFD5C446NL | Dual | N | 40 | LL | 2.8 | 54 | SO-8FL Dual |
| NVMFS5C450NL | Single | N | 40 | LL | 2.8 | 35 | SO-8FL |
| NVMFS3D0P04M8L** | Single | P | 40 | LL | 2.9 | tbc | SO-8FL |
| NVMYS2D9N04CL | Single | N | 40 | LL | 2.9 | 35 | LFPAK4 |
| NVTFS5C453NL | Single | N | 40 | LL | 2.9 | 23 | μ8FL |
| NVMFD5C446N | Dual | N | 40 | SL | 3 | 28 | SO-8FL Dual |
| NVMFS5C450N | Single | N | 40 | SL | 3.3 | 23 | SO-8FL |
| FDB9409-F085 | Single | N | 40 | SL | 3.5 | 43 | D2PAK |
| FDB9409L-F085 | Single | N | 40 | LL | 3.5 | 52 | D2PAK |
| NVD5C446N | Single | N | 40 | SL | 3.5 | 38 | DPAK |
| NVMYS3D5N04C | Single | N | 40 | SL | 3.5 | 23 | LFPAK4 |
| NVTFS003N04CTAG | Single | N | 40 | SL | 3.5 | 23 | μ8FL |
| NVMFS5C456NL | Single | N | 40 | LL | 3.7 | 18 | SO-8FL |
| NVMYS3D8N04CL* | Single | N | 40 | LL | 3.8 | 18 | LFPAK4 |
| FDB9506L-F085 | Single | P | 40 | LL | 3.9 | 134 | D2PAK |
| NVTFS5C454NL | Single | N | 40 | LL | 3.9 | 18 | μ8FL |
| NVD5C454NL | Single | N | 40 | LL | 4 | 40 | DPAK |
| FDD9410-F085 | Single | N | 40 | SL | 4.1 | 24 | DPAK |
| FDD9410L-F085 | Single | N | 40 | LL | 4.2 | 29 | DPAK |
| NVD5C454N | Single | N | 40 | SL | 4.2 | 25 | DPAK |
| NVMFS5A140PLZ | Single | P | 40 | LL | 4.2 | 136 | SO-8FL |
| FDD9507L-F085 | Single | P | 40 | LL | 4.4 | 100 | DPAK |
| NVMFS5C456N | Single | N | 40 | SL | 4.5 | 18 | SO-8FL |
| NVMFS5C460NL | Single | N | 40 | LL | 4.5 | 23 | SO-8FL |
| NVMYS4D5N04C | Single | N | 40 | SL | 4.5 | 17 | LFPAK4 |
| NVTFS004N04CTAG | Single | N | 40 | SL | 4.5 | 18 | μ8FL |
| NVD5C460NL | Single | N | 40 | LL | 4.6 | 17 | DPAK |
| NVMFD5C462NL | Dual | N | 40 | LL | 4.7 | 23 | SO-8FL Dual |
| NVMYS4D6N04CL | Single | N | 40 | LL | 4.6 | 23 | LFPAK4 |
| NVTFS5C460NL | Single | N | 40 | LL | 4.8 | 11 | μ8FL |

* Pending 3Q19. ** Pending 4Q19.

MOSFETs

| Device | Configuration | Polarity | V _{DSS} (V) | Gate Level | R _{DS(on)} Max @ 10 V (mΩ) | Q _G @ 10 V Typ (nC) | Package(s) |
|------------------|---------------|----------|----------------------|------------|-------------------------------------|--------------------------------|-------------|
| FDWS9508L-F085 | Single | P | 40 | LL | 4.9 | 91 | PWR56 |
| NVD5C460N | Single | N | 40 | SL | 4.9 | 22 | DPAK |
| NVMFD5C462N | Dual | N | 40 | SL | 5.3 | 15 | SO-8FL Dual |
| NVMFS5C460N | Single | N | 40 | SL | 5.3 | 13 | SO-8FL |
| NVMYS5D3N04C | Single | N | 40 | SL | 5.3 | 15 | LFPAK4 |
| NVTFS005N04CTAG | Single | N | 40 | SL | 5.3 | 13 | μ8FL |
| NVD5C464N | Single | N | 40 | SL | 5.8 | 19 | DPAK |
| NVD5C464NL | Single | N | 40 | LL | 5.8 | 30 | DPAK |
| FDD9411L-F085 | Single | N | 40 | LL | 7 | 18 | DPAK |
| NVMFD5C466NL | Dual | N | 40 | LL | 7.2 | 16 | SO-8FL Dual |
| NVMYS7D3N04CL | Single | N | 40 | LL | 7.3 | 7 | LFPAK4 |
| NVTFS5C466NL | Single | N | 40 | LL | 7.3 | 16 | μ8FL |
| NVMFS5C466NL | Single | N | 40 | LL | 7.5 | 16 | SO-8FL |
| FDD9411-F085 | Single | N | 40 | SL | 7.8 | 15 | DPAK |
| NVD5C478NL | Single | N | 40 | LL | 8 | 20 | DPAK |
| NVMYS8DON04C | Single | N | 40 | SL | 8 | 10 | LFPAK4 |
| FDWS9509L-F085 | Single | P | 40 | LL | 8.1 | 55 | PWR56 |
| NVD5C478N | Single | N | 40 | SL | 8.4 | 13 | DPAK |
| NVMFD5C466N | Dual | N | 40 | SL | 8.5 | 10 | SO-8FL Dual |
| NVMFS5C466N | Single | N | 40 | SL | 8.5 | 10 | SO-8FL |
| NVTFS008N04CTAG | Single | N | 40 | SL | 8.5 | 10 | μ8FL |
| FDD9509L-F085 | Single | P | 40 | LL | 8.6 | 55 | DPAK |
| NVTFS9D6P04M8L** | Single | P | 40 | LL | 9.6 | tbc | μ8FL |
| NVMYS010N04CL | Single | N | 40 | LL | 10 | 7.3 | LFPAK4 |
| NVMFS5C468NL | Single | N | 40 | LL | 10.3 | 7.3 | SO-8FL |
| NVATS5A108PLZ | Single | P | 40 | LL | 10.4 | 79.5 | ATPAK |
| NVMFD5C470NL | Dual | N | 40 | LL | 11.4 | 9 | SO-8FL Dual |
| NVTFS5C471NL | Single | N | 40 | LL | 11.4 | 9 | μ8FL |
| NVMYS011N04C | Single | N | 40 | SL | 11.8 | 7.3 | LFPAK4 |
| NVMFD5C470N | Dual | N | 40 | SL | 13 | 5 | SO-8FL Dual |
| NVMFS5C468N | Single | N | 40 | SL | 13 | 5 | SO-8FL |
| FDD9510L-F085 | Single | P | 40 | LL | 14 | 32 | DPAK |
| FDWS9510L-F085 | Single | P | 40 | LL | 14 | 32 | PWR56 |
| NVTFS014P04M8L** | Single | P | 40 | LL | 14 | 34 | μ8FL |
| NVMFD5C478NL | Dual | N | 40 | LL | 14.5 | 8 | SO-8FL Dual |
| NVMFD5C478N | Dual | N | 40 | SL | 14.7 | 7 | SO-8FL Dual |
| NVTFS015N04CTAG | Single | N | 40 | SL | 15 | 7 | μ8FL |
| NVTFS5C478NL | Single | N | 40 | LL | 15 | 3.8 | μ8FL |
| NVD5C486NL | Single | N | 40 | LL | 16 | 15 | DPAK |
| NVATS5A107PLZ | Single | P | 40 | LL | 17 | 47 | ATPAK |
| NVD5C486N | Single | N | 40 | SL | 18 | 10 | DPAK |
| FDD9511L-F085 | Single | P | 40 | LL | 21 | 21 | DPAK |
| FDWS9511L-F085 | Single | P | 40 | LL | 21 | 21 | PWR56 |
| NVATS5A106PLZ | Single | P | 40 | LL | 25 | 29 | ATPAK |
| NVTFS052P04M8L** | Single | P | 40 | LL | 52 | tbc | μ8FL |
| 60 V | | | | | | | |
| NVMTS0D7N06CL | Single | N | 60 | LL | 0.75 | 215 | Power88 |
| NVMTS0D7N06C | Single | N | 60 | SL | 0.77 | 215 | Power88 |
| NVMFS5H600NL | Single | N | 60 | LL | 0.8 | 89 | SO-8FL |
| NVMFS5C604NL | Single | N | 60 | LL | 1 | 120 | SO-8FL |
| NVMTS001N06CL | Single | N | 60 | LL | 1 | 160 | Power88 |
| FDBL86561-F085 | Single | N | 60 | SL | 1.1 | 170 | T0-LL |

* Pending 3Q19. ** Pending 4Q19.

MOSFETs

| Device | Configuration | Polarity | V _{DSS} (V) | Gate Level | R _{DS(on)} Max @ 10 V (mΩ) | Q _G @ 10 V Typ (nC) | Package(s) |
|-----------------|---------------|----------|-------------------------|------------|--|-----------------------------------|----------------------|
| NVMFS5H615NL | Single | N | 60 | LL | 1.1 | 28 | SO-8FL |
| NVMTS001N06C | Single | N | 60 | SL | 1.1 | 160 | Power88 |
| NVMFS5C604N | Single | N | 60 | SL | 1.2 | 80 | SO-8FL |
| NVMFSC1D6N06CL* | Single | N | 60 | LL | 1.6 | tbc | DFN-8 DC (Dual Cool) |
| NVMJS1D4N06CL | Single | N | 60 | LL | 1.4 | 91 | LFPAK8 |
| FDBL86563-F085 | Single | N | 60 | SL | 1.5 | 130 | TO-LL |
| NVMFS5C612NL | Single | N | 60 | LL | 1.5 | 91 | SO-8FL |
| NVMJS1D6N06CL | Single | N | 60 | LL | 1.6 | 91 | LFPAK8 |
| NVMFS5C612N | Single | N | 60 | SL | 1.65 | 64 | SO-8FL |
| FDB86563-F085 | Single | N | 60 | SL | 1.8 | 126 | D2PAK |
| NVMYS2D2N06CL | Single | N | 60 | LL | 2.2 | 64 | LFPAK4 |
| FDBL86566-F085 | Single | N | 60 | SL | 2.4 | 80 | TO-LL |
| NVMFS5C628NL | Single | N | 60 | LL | 2.4 | 52 | SO-8FL |
| NVMJS2D5N06CL | Single | N | 60 | LL | 2.4 | 52 | LFPAK8 |
| FDB86566-F085 | Single | N | 60 | SL | 2.7 | 80 | D2PAK |
| NVD5C632NL | Single | N | 60 | LL | 3 | 78 | DPAK |
| FDD86567-F085 | Single | N | 60 | SL | 3.2 | 63 | DPAK |
| NVMFS5C638NL | Single | N | 60 | LL | 3.2 | 43 | SO-8FL |
| NVMYS3D3N06CL | Single | N | 60 | LL | 3.3 | 42 | LFPAK4 |
| NVMFD5C650NL | Dual | N | 60 | LL | 4 | 37 | SO-8FL Dual |
| NVMFS5C645NL | Single | N | 60 | LL | 4 | 34 | SO-8FL |
| NVMYS4D1N06CL | Single | N | 60 | LL | 4.1 | 34 | LFPAK4 |
| NVMFS5C645N | Single | N | 60 | SL | 4.2 | 34 | SO-8FL |
| NVD5C648NL | Single | N | 60 | LL | 4.6 | 39 | DPAK |
| NVMFS5C646NL | Single | N | 60 | LL | 4.7 | 38 | SO-8FL |
| NVTFS5C658NL | Single | N | 60 | LL | 4.8 | 27 | μ8FL |
| FDB86569-F085 | Single | N | 60 | SL | 5.6 | 35 | D2PAK |
| NVMFS5H663NL | Single | N | 60 | LL | 5.6 | 17 | SO-8FL |
| FDD86569-F085 | Single | N | 60 | SL | 5.7 | 35 | DPAK |
| NVMFS5C670NL | Single | N | 60 | LL | 6.1 | 20 | SO-8FL |
| NVMYS6D2N06CL* | Single | N | 60 | LL | 6.2 | 20 | LFPAK4 |
| NVTFS5C670NL | Single | N | 60 | LL | 6.3 | 20 | μ8FL |
| NVATS5A304PLZ | Single | P | 60 | LL | 6.5 | 250 | ATPAK |
| NVMFD5C668NL | Dual | N | 60 | LL | 6.8 | 20 | SO-8FL Dual |
| NVMFS5A160PLZ | Single | P | 60 | LL | 7.7 | 160 | SO-8FL |
| NVMFS5H610NL | Single | N | 60 | LL | 9 | 13.7 | SO-8FL |
| NVMFS5C673NL | Single | N | 60 | LL | 9.2 | 20 | SO-8FL |
| NVD5C668NL | Single | N | 60 | LL | 9.3 | 19 | DPAK |
| NVMYS9D3N06CL* | Single | N | 60 | LL | 9.3 | 9.5 | LFPAK4 |
| FDD86580-F085 | Single | N | 60 | SL | 10 | 20 | DPAK |
| NVTFS5C673NL | Single | N | 60 | LL | 10 | 14 | μ8FL |
| NVMFD5C672NL | Dual | N | 60 | LL | 11.2 | 12 | SO-8FL Dual |
| NVATS5A302PLZ | Single | P | 60 | LL | 13 | 115 | ATPAK |
| NVMFD5C674NL | Dual | N | 60 | LL | 13.7 | 10 | SO-8FL Dual |
| NVMFS5C677NL | Single | N | 60 | LL | 14.4 | 10 | SO-8FL |
| NVMYS014N06CL | Single | N | 60 | LL | 14.5 | 10 | LFPAK4 |
| FDD86581-F085 | Single | N | 60 | SL | 15 | 13 | DPAK |
| NVATS5A114PLZ | Single | P | 60 | LL | 16 | 92 | ATPAK |
| NVD5C684NL | Single | N | 60 | LL | 17.5 | 9 | DPAK |
| NVMFS5C682NL | Single | N | 60 | LL | 21 | 5 | SO-8FL |
| NVMYS021N06CL | Single | N | 60 | LL | 21 | 5 | LFPAK4 |
| NVMFS5113PL | Single | P | 60 | LL | 22 | 83 | SO-8FL |
| NVTFS5C680NL | Single | N | 60 | LL | 25 | 5 | μ8FL |

* Pending 3Q19. ** Pending 4Q19.

MOSFETs

| Device | Configuration | Polarity | V _{DSS} (V) | Gate Level | R _{DS(on)} Max @ 10 V (mΩ) | Q _G @ 10 V Typ (nC) | Package(s) |
|----------------|---------------|----------|----------------------|------------|-------------------------------------|--------------------------------|-------------|
| NVMFD5C680NL | Dual | N | 60 | LL | 26 | 5 | SO-8FL Dual |
| NVMFS5C680NL | Single | N | 60 | LL | 26 | 5 | SO-8FL |
| NVATS5A113PLZ | Single | P | 60 | LL | 29.5 | 55 | ATPAK |
| NVD5C688NL | Single | N | 60 | LL | 30 | 6 | DPAK |
| NVMYS025N06CL | Single | N | 60 | LL | 30 | 6 | LFPAK4 |
| NVATS5A112PLZ | Single | P | 60 | LL | 43 | 33.5 | ATPAK |
| NVTFS5116PL | Single | P | 60 | LL | 52 | 25 | μ8FL |
| NVC6S5A444NLZ | Single | N | 60 | LL | 78 | 10 | CPH-6 |
| NVC3S5A51PLZ | Single | P | 60 | LL | 250 | 6 | CPH-6 |
| NVTFS5124PL | Single | P | 60 | LL | 260 | 6 | μ8FL |
| 80 V | | | | | | | |
| NVBLS1D1N08H** | Single | N | 80 | SL | 1.1 | tbc | TO-LL |
| NVMTS1D2N08H* | Single | N | 80 | SL | 1.2 | 148 | Power88 |
| FDBL86361-F085 | Single | N | 80 | SL | 1.4 | 172 | TO-LL |
| NVMTS1D5N08H* | Single | N | 80 | SL | 1.5 | 120 | Power88 |
| NVBLS1D7N08H** | Single | N | 80 | SL | 1.7 | 110 | TO-LL |
| NVMFS6H800NL* | Single | N | 80 | LL | 1.8 | 85 | SO-8FL |
| FDBL86363-F085 | Single | N | 80 | SL | 2 | 130 | TO-LL |
| NVMFS6H800N | Single | N | 80 | SL | 2.1 | 85 | SO-8FL |
| FDB86363_F085 | Single | N | 80 | SL | 2.4 | 131 | D2PAK |
| NVMFS6H801N | Single | N | 80 | SL | 2.8 | 64 | SO-8FL |
| FDBL86366-F085 | Single | N | 80 | SL | 3 | 86 | TO-LL |
| FDB86366-F085 | Single | N | 80 | SL | 3.6 | 86 | D2PAK |
| NVMFS6H818N | Single | N | 80 | SL | 3.7 | 46 | SO-8FL |
| FDD86367-F085 | Single | N | 80 | SL | 4.2 | 68 | DPAK |
| NVMFS6H824N | Single | N | 80 | SL | 4.5 | tbc | SO-8FL |
| FDWS86368-F085 | Single | N | 80 | SL | 4.5 | 57 | PWR56 |
| NVMFD6H840NL* | Dual | N | 80 | LL | 6.9 | tbc | SO-8FL |
| NVMFS6H836N | Single | N | 80 | SL | 7 | 24 | SO-8FL |
| FDWS86369-F085 | Single | N | 80 | SL | 7.5 | 35 | PWR56 |
| FDD86369-F085 | Single | N | 80 | SL | 7.9 | 34 | DPAK |
| NVTFS6H850NL* | Single | N | 80 | LL | 8.5 | tbc | μ8FL |
| NVMFS6H848N | Single | N | 80 | SL | 9.4 | 16 | SO-8FL |
| NVTFS6H850N | Single | N | 80 | SL | 9.5 | 17 | μ8FL |
| FDWS86380_F085 | Single | N | 80 | SL | 13.4 | 35 | PWR56 |
| FDD86380-F085 | Single | N | 80 | SL | 13.5 | 20 | DPAK |
| NVMFS6H852N | Single | N | 80 | SL | 14.5 | 11 | SO-8FL |
| NVTFS6H854N | Single | N | 80 | SL | 14.5 | 11 | μ8FL |
| FDD86381-F085 | Single | N | 80 | SL | 21 | 14 | DPAK |
| NVMFS6H858N | Single | N | 80 | SL | 21 | 7 | SO-8FL |
| NVTFS6H860N | Single | N | 80 | SL | 21 | 7 | μ8FL |
| FDMS86381-F085 | Single | N | 80 | SL | 22 | 14 | PWR56 |
| NVMFD6H852NL* | Dual | N | 80 | LL | 25 | tbc | SO-8FL |
| NVMFS6H864N | Single | N | 80 | SL | 31 | 5 | SO-8FL |
| NVTFS6H880N | Single | N | 80 | SL | 31 | 5 | μ8FL |
| NVTFS6H888N | Single | N | 80 | SL | 50 | 3 | μ8FL |

* Pending 3Q19. ** Pending 4Q19.

MOSFETs

| Device | Configuration | Polarity | V_{DSS} (V) | Gate Level | $R_{DS(on)}$ Max @ 10 V (m Ω) | Q_G @ 10 V Typ (nC) | Package(s) |
|-----------------|---------------|----------|------------------|----------------------|--|--------------------------|------------|
| 100 V | | | | | | | |
| FDBL86062-F085 | Single | N | 100 | SL | 2 | 95 | TO-LL |
| FDBL86063-F085 | Single | N | 100 | SL | 2.6 | 76 | TO-LL |
| FDBL86066-F085 | Single | N | 100 | SL | 4.1 | 46 | TO-LL |
| FDD86067-F085** | Single | N | 100 | SL | 5 | 38 | DPAK |
| FDWS86068-F085 | Single | N | 100 | SL | 5.8 | 31 | PWR56 |
| FDD86069-F085** | Single | N | 100 | SL | 9.1 | 19 | DPAK |
| NVTFS010N10MCL | Single | N | 100 | LL | 10.3 | 22 | μ 8FL |
| FDD3672-F085 | Single | N | 100 | SL | 28 | 24 | DPAK |
| FDD3682-F085 | Single | N | 100 | SL | 36 | 18.5 | DPAK |
| NVATS68301PZ | Single | P | 100 | SL ^{TO-247} | 75 | 55 | ATPAK |
| 150 V | | | | | | | |
| FDBL86210-F085 | Single | N | 150 | SL | 6.3 | 70 | TO-LL |
| FDD86250-F085 | Single | N | 150 | SL | 22 | 23 | DPAK |
| FDD2572-F085 | Single | N | 150 | SL | 54 | 34 | DPAK |
| 650 V | | | | | | | |
| NVHL025N65S3 | Single | N | 650 | SL | 25 | 97.3 | TO-247 |
| NVHL027N65S3F | Single | N | 650 | SL | 28 | 87 | TO-247 |
| NVHL040N65S3F | Single | N | 650 | SL | 40 | 61 | TO-247 |
| NVB072N65S3 | Single | N | 650 | SL | 72 | 34 | D2PAK |
| NVHL072N65S3 | Single | N | 650 | SL | 72 | 34 | TO-247 |
| NVB082N65S3 | Single | N | 650 | SL | 82 | 32 | D2PAK |
| NVHL082N65S3F | Single | N | 650 | SL | 82 | 32 | TO-247 |
| NVB110N65S3 | Single | N | 650 | SL | 110 | 23 | D2PAK |
| NVHL110N65S3F | Single | N | 650 | SL | 110 | 23 | TO-247 |
| NVB150N65S3* | Single | N | 650 | SL | 150 | tbc | D2PAK |
| NVB190N65S3* | Single | N | 650 | SL | 190 | tbc | D2PAK |

* Pending 3Q19. ** Pending 4Q19.

JFETs

| Device | Configuration | V_{GS} (V) | I_{DSS} (mA) | V_{GSoff} (V) | g_m (mS) | C_{iss} (pF) | Package(s) |
|--------------|---------------|-----------------|-------------------|--------------------|---------------|-------------------|------------|
| NSVJ2394SA3 | Single | 15 | 10-32 | -1.5 to -0.3 | 38 | 10 | SC-59 |
| NSVJ3557SA3 | Single | 15 | 10-32 | -1.5 to -0.3 | 35 | 10 | SC-59 |
| NSVJ3910SB3 | Single | 25 | 20-40 | -1.8 to -0.6 | 40 | 6 | CPH-3 |
| NSVJ5908DSG5 | Dual | 15 | 10-32 | -1.5 to -0.3 | 35 | 10 | MCPH-5 |
| NSVJ6904DSB6 | Dual | 25 | 20-40 | -1.8 to -0.6 | 40 | 6 | CPH-6 |

SELF-PROTECTED MOSFETs

| Device | Description | Channels | Package(s) |
|------------------|---|----------|---------------|
| LOW SIDE | | | |
| NCV8401A/B | Low Side Protected MOSFET, 23 mΩ | 1 | DPAK |
| NCV8402A | Low Side Protected MOSFET, 165 mΩ | 1 | SOT-223 |
| NCV8402AD | Dual Low Side Protected MOSFET, 165 mΩ | 2 | SOIC-8 |
| NCV8403A/B | Low Side Protected MOSFET, 60 mΩ | 1 | SOT-223, DPAK |
| NCV8405A/B | Low Side Protected MOSFET, 100 mΩ | 1 | SOT-223, DPAK |
| NCV8406A/B | Low Side Protected MOSFET, 210 mΩ | 1 | SOT-223, DPAK |
| NCV8440A | Clamped MOSFET, 95 mΩ | 1 | SOT-223 |
| NIMD6001A | Dual N-Channel MOSFET w/Diagnostic Output 130 mΩ | 2 | SOIC-8 |
| NCV8411 | Low Side Protected MOSFET with Inrush Current Management, 23 mΩ | 1 | DPAK |
| NCV8413 | Low Side Protected MOSFET with Inrush Current Management, 60 mΩ | 1 | SOT-223, DPAK |
| NCV8412 | Low Side Protected MOSFET with Inrush Current Management, 165 mΩ | 1 | SOT-223 |
| NCV8412D | Dual Low Side Protected MOSFET with Inrush Current Management, 165 mΩ | 2 | SOIC-8 |
| HIGH SIDE | | | |
| NCV8450A | High Side Protected MOSFET, 1 Ω | 1 | SOT-223 |
| NCV8452 | High Side Protected MOSFET, 200 mΩ | 1 | SOT-223 |
| NCV8445 | High Side Protected MOSFET w\Digital Diagnostics, 45 mΩ | 1 | SOIC-8 |
| NCV8460A | High Side Protected MOSFET w\Digital Diagnostics, 60 mΩ | 1 | SOIC-8 |
| NCV8461 | High Side Protected MOSFET w\Digital Diagnostics, 350 mΩ | 1 | SOIC-8 |
| NCV84160 | High Side Protected MOSFET w\Current Sense, 160 mΩ | 1 | SOIC-8 |
| NCV84140 | High Side Protected MOSFET w\Current Sense, 140 mΩ | 1 | SOIC-8 |

IGNITION IGBTs

| Device | Clamp Voltage (V) | SCIS Energy (mJ) | I _c @110°C (A) | V _{CE(sat)} Max @25°C (V) | Package(s) |
|--------------------|-------------------|------------------|---------------------------|------------------------------------|------------|
| FGD3325G2-F085 | 250 | 330 | 25 | 1.25 | TO-252 |
| ISL9V5036P3-F085 | 360 | 500 | 31 | 1.6 | TO-220 |
| ISL9V5036S3 | 360 | 500 | 31 | 1.6 | TO-262 |
| FGB3236-F085 | 360 | 320 | 26 | 1.4 | TO-263 |
| FGI3236-F085 | 360 | 320 | 26 | 1.4 | TO-263 |
| ISL9V3036S3ST | 360 | 300 | 17 | 1.6 | TO-263 |
| ISL9V5036S3ST | 360 | 500 | 31 | 1.6 | TO-263 |
| FGD2736G3-F085 | 360 | 270 | 18 | 1.35 | TO-252 |
| FGP3040G2-F085 | 400 | 330 | 25 | 1.25 | TO-220 |
| FGP3440G2-F085 | 400 | 335 | 25 | 1.2 | TO-220 |
| ISL9V3040P3 | 400 | 300 | 17 | 1.6 | TO-220 |
| FGD3040G2-F085 | 400 | 330 | 25 | 1.25 | TO-252 |
| FGD3440G2-F085 | 400 | 335 | 25 | 1.2 | TO-252 |
| FGI3040G2-F085 | 400 | 330 | 25 | 1.25 | TO-252 |
| ISL9V2040D3ST | 400 | 200 | 10 | 1.9 | TO-252 |
| ISL9V3040D3ST | 400 | 300 | 17 | 1.6 | TO-252 |
| FGB3040G2-F085 | 400 | 330 | 25 | 1.25 | TO-263 |
| FGB3440G2-F085 | 400 | 335 | 25 | 1.2 | TO-263 |
| ISL9V2040S3ST | 400 | 200 | 10 | 1.45 | TO-263 |
| ISL9V2540S3ST | 400 | 250 | 10 | 1.8 | TO-263 |
| ISL9V3040S3ST | 400 | 300 | 17 | 1.6 | TO-263 |
| FGB3040CS | 400 | 300 | 19 | 1.6 | TO-263-6 |
| FGD3245G2-F085 | 450 | 320 | 23 | 1.25 | TO-252 |
| FGB3245G2-F085 | 450 | 320 | 23 | 1.25 | TO-263 |
| ISL9V5045S3ST-F085 | 450 | 500 | 43 | 1.6 | TO-263 |
| FGD3050G2 | 500 | 300 | 27 | 1.2 | TO-252 |
| FGB3056-F085 | 560 | 300 | 24 | 1.1 | TO-263 |
| FGD1240G2 | 400 | 100 | 20 | 1.1 | TO-252 |

IGBTs

| Device | V _{(BR)CES} (V) | I _c (A) | V _{CE(sat)} Max @25°C (V) | SCWT (μs) | Copackaged Diode | Package(s) |
|-------------------|--------------------------|--------------------|------------------------------------|-----------|------------------|---|
| FGB20N60SFD-F085 | 600 | 20 | 2.2 | — | Stealth | D2PAK |
| FGH20N60SFDU-F085 | 600 | 20 | 2.2 | — | Stealth | TO-247 |
| FGH40N60SFDU-F085 | 600 | 40 | 2.3 | — | Stealth | TO-247 |
| FGH60N60SFDU-F085 | 600 | 60 | 2.3 | — | Stealth | TO-247 |
| FGH60N60UFDU-F085 | 600 | 60 | 1.9 | — | Stealth | TO-247 |
| FGH40N65UFDU-F085 | 650 | 40 | 1.8 | — | Stealth | TO-247 |
| FGH40N60SMD-F085 | 600 | 40 | 1.9 | — | Hyperfast | TO-247 |
| FGH40N60SMD-F085 | 600 | 40 | 1.9 | — | Ultrafast | TO-247 |
| FGH60N60SMD-F085 | 600 | 60 | 1.8 | — | Hyperfast | TO-247 |
| FGH75T65UPD-F085 | 650 | 75 | 1.69 | 5 | Stealth | TO-247 |
| FGB40T65SPD-F085 | 650 | 40 | 2 | 5 | Stealth | D2PAK |
| FGH40T65SPD-F085 | 650 | 40 | 1.85 | 5 | Stealth | TO-247 |
| AFGHL40T65SPD | 650V | 40 | 1.85 | 5 | Stealth | TO-247-3LD |
| FGY120T65SPD-F085 | 650 | 120 | 1.5 | 6 | Extremefast | TP-247 |
| FGY160T65SPD-F085 | 650 | 160 | 1.7 | 6 | Extremefast | TP-247 |
| PCGA160T65NF8 | 650 | 160 | 1.6 | 6 | PCRKA16065F8 | Bare Die |
| PCGA200T65NF8 | 650 | 200 | 1.53 | 5 | PCRKA20065F8 | Bare Die |
| PCGA300T65DF8 | 650 | 300 | 1.36 | 5 | PCRKA30065F8 | Bare Die |
| PCGA200T65NF8M1 | 650 | 200 | 1.53 | 5 | PCRKA20065F8M1 | Bare Die with solderable top metal |
| PCGA300T65DF8M1 | 650 | 300 | 1.36 | 5 | PCRKA30065F8M1 | Bare Die with solderable top metal |
| PCGLA200T75NF8 | 750 | 200 | 1.45 | 4 | PCRKA20075F8 | Bare Die |
| NCG225L75NF8M1 | 750 | 225 | 1.45 | 4 | NCD225E75F8M1 | Bare Die with sinterable/solderable top metal |

BIPOLAR POWER TRANSISTORS

| NPN | PNP | V _{(BR)CEO} Min (V) | I _C Continuous (A) | h _{FE} Min | h _{FE} Max | f _T Min (MHz) | P _D Watts | Package(s) |
|-------------|-------------|------------------------------|-------------------------------|---------------------|---------------------|--------------------------|----------------------|------------|
| NJVMJB41C | NJVMJB42C | 100 | 6 | 15 | 75 | 3 | 65 | D2PAK |
| NJVMJB44H11 | NJVMJB45H11 | 80 | 8 | 60 | – | – | 50 | |
| NJVMJD50 | – | 400 | 1 | 30 | 150 | 10 | 15 | DPAK |
| NJVMJD340 | NJVMJD350 | 300 | 0.5 | 30 | 240 | – | 15 | |
| NJVMJD47 | – | 250 | 1 | 30 | 150 | 10 | 15 | |
| NJVMJD41C | NJVMJD42C | 100 | 6 | 15 | 75 | 3 | 20 | |
| NJVMJD243 | NJVMJD253 | 100 | 4 | 40 | 180 | 40 | 12.5 | |
| NJVMJD31C | NJVMJD32C | 100 | 3 | 10 | 50 | 3 | 15 | |
| NJVMJD44H11 | NJVMJD45H11 | 80 | 8 | 60 | – | – | 20 | |
| NJVMJD3055 | NJVMJD2955 | 60 | 10 | 20 | 100 | 2 | 20 | |
| NJVND2873 | – | 50 | 2 | 120 | 360 | 65 | 15 | |
| – | NJVND1718 | 50 | 2 | 70 | 240 | 80 | 15 | |
| NJVMJD148 | – | 45 | 4 | 85 | 375 | 3 | 20 | |
| NJVMJD31 | NJVMJD32 | 40 | 3 | 10 | 50 | 3 | 15 | |
| – | NJVMJD210 | 25 | 5 | 45 | 180 | 3 | 12.5 | |
| – | SMMJT350 | 300 | 0.75 | 30 | 240 | – | 2.75 | SOT-223 |
| SPZTA42 | NSVPZTA92 | 300 | 0.5 | 40 | – | 50 | 1.5 | |
| SBF720 | – | 300 | 0.1 | 50 | – | 60 | 1.5 | |
| SBCP56* | SBCP53 | 80 | 1 / 1.5 | 40* | 250* | – | 1.5 | |
| SPZT651 | SPZT751 | 60 | 2 | 40 | – | 75 | 0.8 | |
| – | SPZT2907A | 60 | 0.6 | 100 | 300 | 200 | 1.5 | |
| SPZT2222A | – | 40 | 0.6 | 100 | 300 | 300 | 1.5 | |
| SPZT3904 | – | 40 | 0.2 | 100 | 300 | 300 | 1.5 | |
| NJV4031N | NJV4030P | 40 | 5 | 200 | 500 | 100 | 2 | |
| SBCP68 | NSVBCP69 | 20 | 1 | 85 | 375 | – | 1.5 | |

*Different h_{FE} windows available.

LOW SATURATION VOLTAGE TRANSISTORS

| | NPN | PNP | V _{(BR)CEO} Min (V) | I _c Peak Max (A) | h _{FE} Min | h _{FE} Max | f _T Min (MHz) | V _{CE(sat)} @ 1.0 A Max (V) | Package(s) |
|--------|-----------------|-----------------|------------------------------|-----------------------------|---------------------|---------------------|--------------------------|--------------------------------------|------------|
| Single | NSV1C301E | – | 100 | 3 | 120 | 360 | 120 | 0.09 | DPAK |
| | – | NSV1C300E | 100 | 3 | 120 | 360 | 100 | 0.15 | |
| | NSV1C201MZ4 | NSV1C200MZ4 | 100 | 3 | 120 | 360 | 100 | 0.1 | SOT-223 |
| | NSV60601MZ4 | NSV60600MZ4 | 60 | 12 | 120 | 360 | 100 | 0.06 / 0.07 | |
| | NSV40301MZ4 | NSV40300MZ4 | 40 | 5 | 200 / 175 | 500 / 350 | – | 0.1 / 0.15 | |
| | NSV20201J | – | 20 | 2 | 200 | 500 | 350 | 0.22 | SC-89 |
| | SNSS30201MR6 | – | 30 | 3 | 300 | 900 | 200 | 0.2 | TSOP-6 |
| | – | SNSS35200MR6 | 35 | 5 | 100 | 400 | 100 | 0.2 | |
| | – | SMBT35200M | 35 | 5 | 100 | 400 | 100 | 0.2 | |
| | NSVT489AM | – | 30 | 3 | 300 | 900 | 200 | 0.2 | |
| | NSV60201SMTWTBG | NSV60200SMTWTBG | 60 | 3 | 120 | – | – | 0.35 | WDFN-6 |
| | – | SNSS40600CF8 | 40 | 7 | 220 | 300 | 100 | 0.075 | ChipFET |
| | – | NSVT1418L | 160 | 1 | 100 | 400 | – | 2.00 | SOT-23 |
| | NSV40201L | NSV1C200L | 100 | 3 | 120 | 360 | – | 0.09 / 0.115 | |
| | NSV60201L | NSV60200L | 60 | 4 | 150 | 350 / 300 | 100 | 0.14 / 0.22 | |
| | NSV40201L | NSV40200L | 40 | 4 | 200 / 250 | – | 150 / 100 | 0.06 / 0.095 | |
| | NSV20201L | NSV20200L | 20 | 4 | 200 / 250 | – | 150 / 100 | 0.05 / 0.09 | |
| | – | NSVMMBT589L | 30 | 2 | 100 | 300 | 100 | 0.3 | |
| – | NSV12100XV6 | 12 | 2 | 100 | – | – | 0.44 | SOT-563 | |
| Dual | NSV40301MD | NSV40300MD | 40 | 6 | 220 | – | 100 | 0.095 | SOIC-8 |
| | NSV60101DMR6T1G | NSV60100DMR6T1G | 60 | 2 | 150 | – | – | 0.25 | SC-74 |
| | NSV60101DMTWTBG | NSV60100DMTWTBG | 60 | 2 | 120 | – | – | 0.3 | WDFN-6 |
| | NSV60201DMTWTBG | NSV60200DMTWTBG | 60 | 3 | 120 | – | – | 0.35 | |
| | NSV20201DMTWTBG | NSV20200DMTWTBG | 20 | 3 | 220 | – | – | 0.25 | |

SMALL SIGNAL BIPOLAR TRANSISTORS

| NPN | PNP | V _{(BR)CEO} Min (V) | I _C Continuous (A) | h _{FE} Min | h _{FE} Max | f _T Min (MHz) | Package(s) |
|--------------|---------------|------------------------------|-------------------------------|---------------------|---------------------|--------------------------|------------|
| NSVBSP19 | – | 350 | 0.1 | 40 | – | 70 | SOT–223 |
| – | SMMJT350 | 300 | 0.5 | 30 | 240 | – | |
| SPZTA42 | NSVPZTA92 | 300 | 0.5 | 40 | – | 50 | |
| SBF720 | – | 300 | 0.1 | 50 | – | 60 | |
| SBCP56* | SBCP53* | 80 | 1.5 | 40 | 250 | – | |
| – | SPZT2907A | 60 | 0.6 | 100 | 300 | 200 | |
| SPZT2222A | – | 40 | 0.6 | 100 | 300 | 300 | |
| SPZT3904 | – | 40 | 0.2 | 100 | 300 | 300 | |
| SBCP68 | NSVBCP69 | 20 | 1 | 85 | 375 | – | SC–59 |
| SMSD602-R | – | 50 | 0.5 | 120 | 240 | – | |
| SMMBTA42L | – | 300 | 0.50 | 40 | – | 50 | SOT–23 |
| – | SMMBTA92L | 300 | 0.50 | 25 | – | 50 | |
| SMMBT5551L | SMMBT5401L | 150 | 0.50 | 60 | 240 | 100 | |
| – | NSVBSS63L | 100 | 0.10 | 30 | – | 50 | |
| SMMBTA06L | SMMBTA56L | 80 | 0.50 | 100 | – | 50 | |
| SBC846AL | – | 65 | 0.10 | 110 | 220 | 100 | |
| SBC846BL | SBC856BL | 65 | 0.10 | 125 | 250 | 100 | |
| – | SMMBT2907AL | 60 | 0.60 | 50 | 300 | 200 | |
| – | NSVMMBT5087L | 50 | 0.05 | 250 | 800 | 40 | |
| SBCW66GL | – | 45 | 1.20 | 160 | 400 | 100 | |
| SBC817* | SBC807* | 45 | 0.50 | 100* | 600* | 100 | |
| SBCX19L | – | 45 | 0.50 | 100 | 600 | – | |
| NSVMMBT6429L | – | 45 | 0.20 | 500 | 1250 | 100 | |
| SBC847BL | SBC857BL | 45 | 0.10 | 200 | 450 | 100 | |
| SBC847CL | SBC857CL | 45 | 0.10 | 420 | 800 | 100 | |
| – | SBC857AL | 45 | 0.10 | 125 | 250 | 100 | |
| SBCW72L | – | 45 | 0.10 | 200 | 450 | – | |
| SMMBT4401L | SMMBT4403L | 40 | 0.60 | 100 | 300 | 200 | |
| SMMBT2222AL | – | 40 | 0.60 | 100 | 300 | 300 | |
| SMMBT3904L | SMMBT3906L | 40 | 0.20 | 100 | 300 | 250 | |
| – | SBCW30L | 32 | 0.10 | 215 | 500 | – | |
| SBCW33L | – | 32 | 0.10 | 420 | 800 | – | |
| NSVMMBT589L | – | 30 | 1.00 | 100 | 300 | 100 | |
| SBC848BL | – | 30 | 0.10 | 200 | 450 | 100 | |
| NSVBC848CL | NSVBC858BL | 30 | 0.10 | 220 | 475 | 100 | |
| – | NSVBC858CL | 30 | 0.10 | 420 | 800 | 100 | |
| SMMBT5088L | – | 30 | 0.05 | 300 | 900 | 50 | |
| NSVMMBTH10L | – | 25 | – | 60 | – | 650 | |
| NSVBC818-40L | SBC808-25L | 25 | 0.50 | 250 | 600 | 100 | |
| SMMBT6521L | – | 25 | 0.10 | 300 | 600 | – | |
| SMMBT5089L | – | 25 | 0.05 | 400 | 1200 | 50 | |
| SMMBT2369L | – | 15 | 0.20 | 40 | 120 | – | |
| SMMBT2369AL | – | 15 | 0.20 | 40 | 120 | – | |
| NSVMSD42W | – | 300 | 0.15 | 40 | – | – | |
| SMMBTA06W | SMMBTA56W | 80 | 0.50 | 100 | – | 50 | |
| SBC846BW | SBC856BW | 65 | 0.10 | 220 | 475 | 100 | |
| – | NSVMMBT2907AW | 60 | 0.60 | 100 | – | 200 | |
| – | SBC807-25W | 45 | 0.50 | 160 | 400 | 100 | |
| – | SBC807-40W | 45 | 0.50 | 250 | 600 | 100 | |
| SBC847AW | – | 45 | 0.10 | 110 | 220 | 100 | |
| SBC847BW | – | 45 | 0.10 | 200 | 450 | 100 | |
| SBC847CW | – | 45 | 0.10 | 420 | 800 | 100 | |
| – | SBC857BW | 45 | 0.10 | 220 | 475 | 100 | |

*Gain windows available.

SMALL SIGNAL BIPOLAR TRANSISTORS

| NPN | PNP | $V_{(BR)CEO}$ Min (V) | I_C Continuous (A) | h_{FE} Min | h_{FE} Max | f_T Min (MHz) | Package(s) | |
|----------------|--------------------|-----------------------|----------------------|--------------|--------------|-----------------|--------------------|---------|
| SMMBT2222AW | – | 40 | 0.60 | 100 | 300 | 300 | SC-70 (SOT-323) | |
| NSVMMBT4401W | – | 40 | 0.60 | 100 | 300 | 250 | | |
| SMMBT3904W | SMMBT3906W | 40 | 0.20 | 100 | 300 | 250 | | |
| – | S2SA1774 | 50 | 0.10 | 120 | 560 | – | SC-75 | |
| S2SC4617 | – | 50 | 0.10 | 120 | 560 | 180 | | |
| NSVBC847BT | NSVBC857BT | 45 | 0.10 | 220 | 475 | 100 | | |
| NSVMBT2222AT | – | 40 | 0.60 | 100 | – | 300 | | |
| SMMBT3904T | NSVMMBT3906T | 40 | 0.20 | 100 | 300 | 180 | | |
| NSVBC846BW | NSVBC858AW | 30 | 0.10 | 125 | 250 | 100 | | |
| NSVMMBT5551M3 | NSVMMBT5401M3 | 160 | 0.06 | 60 | 240 | 100 | SOT-723 | |
| NSVBC846BM3 | NSVBC856BM3 | 65 | 0.10 | 200 | 450 | 100 | | |
| – | NSVMMBT2907AM3 | 60 | 0.60 | 100 | 300 | 200 | | |
| NSV2SC5658M3 | NSV2SA2029M3 | 50 | 0.10 | 120 | 560 | 100 | | |
| NSVMMBT2222AM3 | – | 40 | 0.60 | 75 | 375 | 300 | | |
| SHN1B01FDW1 | Dual Complementary | 50 | 0.2 | 200 | 400 | 0.38 | SC-74 | |
| SBC846BDW1 | Dual NPN | 65 | 0.1 | 200 | 450 | 100 | SC-88 (SOT-363) | |
| SBC847CDW1 | | 45 | 0.1 | 420 | 800 | 100 | | |
| NSVT45011MW6 | | 45 | 0.1 | 200 | 500 | 100 | | |
| SBC847BDW1 | | 45 | 0.1 | 200 | 450 | 100 | | |
| NSVBT2222ADW1 | | 40 | 0.6 | 100 | 300 | 300 | | |
| SMBT3904DW1 | | 40 | 0.2 | 100 | 300 | 300 | | |
| NSVBC848CDW1 | Dual PNP | 30 | 0.1 | 420 | 800 | 100 | | |
| SBC856BDW1 | | 65 | 0.1 | 220 | 475 | 100 | | |
| SBC857BDW1 | | 45 | 0.1 | 220 | 475 | 100 | | |
| NSVT45010MW6 | | 45 | 0.1 | 220 | 475 | 100 | | |
| SMBT3906DW1 | | 40 | 0.2 | 100 | 300 | 250 | | |
| SBC846BPDW1 | | 65 | 0.1 | 200 | 475 | 100 | | |
| SBC847BPDW1 | Dual Complementary | 45 | 0.1 | 200 | 475 | 100 | | SOT-563 |
| SMBT3946DW1 | 40 | 100 | 100 | 300 | 250 | | | |
| NSVEMX1DXV6 | Dual NPN | 50 | 0.1 | 120 | 560 | – | | |
| SBC847CDXV6 | | 45 | 0.1 | 420 | 800 | – | | |
| NSVT3904DXV6 | | 40 | 0.2 | 100 | 300 | 300 | | |
| NSVT30010MXV6 | Dual PNP | 30 | 0.1 | 420 | 800 | 100 | SC-81 | |
| SBC847BPDXV6 | Dual Complementary | 45 | 0.1 | 200 | 475 | 100 | | |

*Gain windows available.

RF BJTs

| Device | Maximum Ratings | | f_T Typ (GHz) | Package(s) |
|-------------|-----------------|---------------|---------------------------------|------------|
| | VCE (V) | I_C (mA) | | |
| NSVF3007SG3 | 12 | 30 | 8 @ VCE = 5 V, I_C = 10 mA | SOT-323 |
| NSVF4009SG4 | 3.5 | 40 | 25 @ VCE = 3 V, I_C = 20 mA | SOT-343 |
| NSVF4015SG4 | 12 | 100 | 10 @ VCE = 5 V, I_C = 50 mA | |
| NSVF4017SG4 | 12 | 100 | 10 @ VCE = 5 V, I_C = 50 mA | |
| NSVF4020SG4 | 8 | 150 | 16.5 @ VCE = 5 V, I_C = 50 mA | |
| NSVF6001SB6 | 12 | 100 | 6.7 @ VCE = 5 V, I_C = 30 mA | SC-74 |
| NSVF6003SB6 | 12 | 150 | 7.0 @ VCE = 5 V, I_C = 50 mA | |
| NSVF5488SK | 10 | 70 | 7.0 @ VCE = 5 V, I_C = 20 mA | SC-81 |
| NSVF5490SK | 10 | 30 | 8 @ VCE = 5 V, I_C = 10 mA | |
| NSVF5501SK | 10 | 70 | 5.5 @ VCE = 5 V, I_C = 20 mA | |

DIGITAL TRANSISTORS

| | NPN Device | PNP Device | V _{(BR)CEO} Min (V) | I _C Continuous (mA) | h _{FE} Min | R1 (Ω) | R2 (Ω) | Package(s) |
|--------------|--------------|--------------|------------------------------|--------------------------------|---------------------|--------|---------|--------------------|
| SINGLE | – | NSV9435 | 30 | 3000 | 125 | – | 10 | SOT-223 |
| | SMUN2240 | – | 50 | 100 | 160 | 47 | ∞ | SC-59 |
| | SMUN2213 | SMUN2113 | 50 | 100 | 80 | 47 | 47 | |
| | – | NSVMUN2237 | 50 | 100 | 80 | 47 | 22 | |
| | NSVMUN2212 | – | 50 | 100 | 60 | 22 | 22 | |
| | SMUN2214 | SMUN2114 | 50 | 100 | 80 | 10 | 47 | |
| | SMUN2211 | SMUN2111 | 50 | 100 | 35 | 10 | 10 | |
| | SMUN2216 | – | 50 | 100 | 160 | 4.7 | ∞ | |
| | NSVMUN2233 | – | 50 | 100 | 80 | 4.7 | 47 | |
| | SMUN2232 | – | 50 | 100 | 15 | 4.7 | 4.7 | |
| | SMUN2230 | – | 50 | 100 | 3 | 1 | 1 | |
| | SMMUN2213L | SMMUN2113L | 50 | 100 | 80 | 47 | 47 | SOT-23 |
| | SMMUN2234L | SMMUN2134L | 50 | 100 | 80 | 22 | 47 | |
| | NSVMMUN2212L | – | 50 | 100 | 60 | 22 | 22 | |
| | SMMUN2215L | – | 50 | 100 | 160 | 10 | ∞ | |
| | SMMUN2214L | SMMUN2114L | 50 | 100 | 80 | 10 | 47 | |
| | SMMUN2211L | SMMUN2111L | 50 | 100 | 35 | 10 | 10 | |
| | SMMUN2216L | SMMUN2116L | 50 | 100 | 160 | 4.7 | ∞ | |
| | SMMUN2233L | – | 50 | 100 | 80 | 4.7 | 47 | |
| | – | NSVMMUN2133L | 50 | 100 | 80 | 4.7 | 47 | |
| | NSVMMUN2217L | – | 50 | 100 | 50 | 4.7 | 10 | |
| | NSVMMUN2232L | NSVMMUN2132L | 50 | 100 | 15 | 4.7 | 4.7 | |
| | SMMUN2238L | – | 50 | 100 | 160 | 2.2 | ∞ | SC-70 (SOT-323) |
| | – | NSVMMUN2131L | 50 | 100 | 8 | 2.2 | 2.2 | |
| | NSVMMUN2230L | – | 50 | 100 | 3 | 1 | 1 | |
| | SMUN5236 | SMUN5136 | 50 | 100 | 80 | 100 | 100 | |
| | SMUN5213 | SMUN5113 | 50 | 100 | 80 | 47 | 47 | |
| | SMUN5212 | SMUN5112 | 50 | 100 | 60 | 22 | 22 | |
| | SMUN5211 | SMUN5111 | 50 | 100 | 35 | 10 | 10 | |
| | SMUN5214 | SMUN5114 | 50 | 100 | 80 | 10 | 47 | |
| | SMUN5215 | SMUN5115 | 50 | 100 | 160 | 10 | ∞ | |
| | SMUN5216 | – | 50 | 100 | 160 | 4.7 | ∞ | |
| | SMUN5232 | – | 50 | 100 | 15 | 4.7 | 4.7 | |
| | SMUN5233 | SMUN5133 | 50 | 100 | 80 | 4.7 | 47 | |
| | SMUN5235 | – | 50 | 100 | 80 | 2.2 | 47 | |
| | – | SMUN5131 | 50 | 100 | 8 | 2.2 | 2.2 | |
| | – | NSVDTA115EE | 50 | 100 | 80 | 100 | 100 | SC-75 |
| | SDTC144EE | NSVDTA144EE | 50 | 100 | 80 | 47 | 47 | |
| | NSVDTC144WE | – | 50 | 100 | 80 | 47 | 22 | |
| | SDTC124EE | – | 50 | 100 | 60 | 22 | 22 | |
| | SDTC114YE | SDTA114YE | 50 | 100 | 80 | 10 | 47 | |
| | SDTC114EE | NSVDTA114EE | 50 | 100 | 35 | 10 | 10 | |
| NSVDTC143ZE | NSVDTA143ZE | 50 | 100 | 80 | 4.7 | 47 | | |
| NSVDTC123JE | – | 50 | 100 | 80 | 2.2 | 47 | | |
| NSVDTC144TM3 | – | 50 | 100 | 160 | 47 | ∞ | | |
| NSVDTC144EM3 | – | 50 | 100 | 80 | 47 | 47 | | |
| NSVDTC114YM3 | NSVDTA114YM3 | 50 | 100 | 80 | 10 | 47 | SOT-723 | |
| – | NSVDTA114EM3 | 50 | 100 | 35 | 10 | 10 | | |
| NSVDTC143ZM3 | NSVDTA143ZM3 | 50 | 100 | 80 | 4.7 | 47 | | |
| NSVDTC143EM3 | NSVDTA143EM3 | 50 | 100 | 15 | 4.7 | 4.7 | | |
| NSVDTC123JM3 | – | 50 | 100 | 80 | 2.2 | 47 | | |
| NSVDTC123EM3 | NSVDTA123EM3 | 50 | 100 | 8 | 2.2 | 2.2 | | |
| NSVDTC113EM3 | NSVDTA113EM3 | 50 | 100 | 3 | 1 | 1 | | |

DIGITAL TRANSISTORS

| | NPN Device | PNP Device | $V_{(BR)CEO}$ Min (V) | I_C Continuous (mA) | h_{FE} Min | R1 (Ω) | R2 (Ω) | Package(s) |
|---------------|---|---------------|-----------------------|-----------------------|--------------|-----------------|-----------------|------------|
| DUAL | SMUN5213DW1 | SMUN5113DW1 | 50 | 100 | 80 | 47 | 47 | SC-88 |
| | SMUN5237DW1 | NSVMUN5137DW1 | 50 | 100 | 80 | 47 | 22 | |
| | NSVMUN5212DW1 | SMUN5112DW1 | 50 | 100 | 60 | 22 | 22 | |
| | – | SMUN5115DW1 | 50 | 100 | 160 | 10 | ∞ | |
| | SMUN5214DW1 | SMUN5114DW1 | 50 | 100 | 80 | 10 | 47 | |
| | SMUN5211DW1 | SMUN5111DW1 | 50 | 100 | 35 | 10 | 10 | |
| | SMUN5216DW1 | SMUN5116DW1 | 50 | 100 | 160 | 4.7 | ∞ | |
| | SMUN5233DW1 | – | 50 | 100 | 80 | 4.7 | 47 | |
| | SMUN5232DW1 | – | 50 | 100 | 15 | 4.7 | 4.7 | |
| | SMUN5235DW1 | – | 50 | 100 | 80 | 2.2 | 47 | |
| | SMUN5231DW1 | SMUN5131DW1 | 50 | 100 | 8 | 2.2 | 2.2 | |
| | SMUN5230DW1 | – | 50 | 100 | 3 | 1 | 1 | |
| | NSVBC143ZDXV6 | NSVBA143ZDXV6 | 50 | 100 | 80 | 4.7 | 47 | |
| | NSVBC114EDXV6 | NSVBA114EDXV6 | 50 | 100 | 80 | 10 | 10 | |
| | NSVBC124EDXV6 | – | 50 | 100 | 60 | 22 | 22 | |
| | NSVBC114YDXV6 | NSVBA114YDXV6 | 50 | 100 | 80 | 10 | 47 | |
| NSVBC124XDXV6 | – | 50 | 100 | 60 | 22 | 47 | | |
| Combinational | Device | Type | $V_{(BR)CEO}$ Min (V) | I_C Continuous (mA) | h_{FE} Min | R1 (Ω) | R2 (Ω) | Package(s) |
| | SMUN5311DW1 | Complementary | 50 | 100 | 35 | 10 | 10 | SC-88 |
| | SMUN5312DW1 | | 50 | 100 | 80 | 22 | 22 | |
| | SMUN5313DW1 | | 50 | 100 | 80 | 47 | 47 | |
| | SMUN5314DW1 | | 50 | 100 | 80 | 10 | 47 | |
| | SMUN5315DW1 | | 50 | 100 | 160 | 10 | ∞ | |
| | SMUN5330DW1 | | 50 | 100 | 3 | 1 | 1 | |
| | NSVMUN5332DW1 | | 50 | 100 | 15 | 4.7 | 4.7 | |
| | NSVMUN5333DW1 | | 50 | 100 | 80 | 4.7 | 47 | |
| | NSVMUN5334DW1 | | 50 | 100 | 80 | 22 | 47 | |
| | SMUN5335DW1 | | 50 | 100 | 80 | 2.2 | 47 | |
| | NSVBC114EPDXV6 | | 50 | 100 | 80 | 10 | 10 | |
| | NSVBC114YPDXV6 | | 50 | 100 | 80 | 10 | 47 | |
| | NSVBC123JPDXV6 | | 50 | 100 | 80 | 2.2 | 47 | |
| | NSVBC124EPDXV6 | | 50 | 100 | 80 | 22 | 22 | |
| | NSVBC124XPDXV6 | | 50 | 100 | 80 | 22 | 47 | |
| | NSVBC143TPDXV6 | | 50 | 100 | 160 | 4.7 | ∞ | |
| | NSVBC143ZPDXV6 | | 50 | 100 | 80 | 4.7 | 47 | |
| | NSVBC144EPDXV6 | | 50 | 100 | 80 | 47 | 47 | |
| | NSVEMD4DXV6 | | 50 | 100 | 80 | 10 | 47 | |
| NSVUMC2N | Digital PNP Trx Base to Collector of Digital NPN Trx | | 50 | 100 | 100 | 22 | 22 | SC-88A |
| NSVUMC3N | | 50 | 100 | 35 | 10 | 10 | | |
| NSVUMC5N | | 50 | 100 | 20 | 47 / 4.7 | 47 / 10 | | |
| NSVB1706DMW5 | Dual NPN, Common Emitter | 50 | 100 | 80 | 4.7 | 47 | | |

DARLINGTON TRANSISTORS

| NPN | PNP | $V_{(BR)CEO}$ Min (V) | I_C Continuous (A) | h_{FE} Min | h_{FE} Max | f_T Min (MHz) | Package(s) |
|------------|-----------|-----------------------|----------------------|--------------|--------------|-----------------|------------|
| NJVND35N04 | – | 350 | 4 | 2k | – | 90 | DPAK |
| – | NJVMJD128 | 120 | 8 | 1k | 12k | 4 | |
| NJVMJD127 | – | 100 | 8 | 1k | 12k | 4 | |
| NJVMJD122 | – | 100 | 8 | 1k | 12k | 4 | |
| NJVMJD112 | NJVMJD117 | 100 | 2 | 1k | 12k | 25 | |
| NJVMJD44E3 | – | 80 | 10 | 1k | – | – | |
| NJVMJD6039 | – | 80 | 2 | 1k | – | – | |
| NJVBU323Z | – | 350 | 20 | 500 | 3400 | 2 | D2PAK |
| MJB5742 | – | 400 | 16 | 200 | – | – | SOT-223 |
| S BSP52 | – | 80 | 1 | 2 | – | – | |
| SMMBT6427L | – | 40 | 0.5 | 20k | 200k | 130 | SOT-23 |
| – | SMMBTA64L | 30 | 0.5 | 20k | – | 125 | |
| SMMBTA13L | – | 30 | 0.3 | 10k | – | 125 | |
| SMMBTA14L | – | 30 | 0.3 | 20k | – | 125 | |

SCHOTTKY RECTIFIERS

| Device | V _{RRM} (V) | I _{O(rec)} (A) | V _F Max (V) | I _R Max (mA) | I _{FSM} (A) | Package(s) |
|----------------|----------------------|-------------------------|------------------------|-------------------------|----------------------|------------|
| NRVB0530 | 0.5 | 30 | 0.43 | 0.13 | 5.5 | SOD-123 |
| NRVB140SF | 1 | 40 | 0.55 | 0.5 | 30 | SOD-123 FL |
| NRVB140ESF | 1 | 40 | 0.56 | 0.03 | 30 | SOD-123 FL |
| NRVTS245ESF* | 2 | 45 | 0.65 | 0.075 | 50 | SOD-123 FL |
| NRVTS2H60ESF * | 2 | 60 | 0.65 | 0.012 | 25 | SOD-123 FL |
| NRVB1H100SF | 1 | 100 | 0.76 | 0.04 | 50 | SOD-123 FL |
| NRVB2H100SF | 2 | 100 | 0.84 | 0.04 | 50 | SOD-123 FL |
| NRVTSM245E* | 2 | 45 | 0.65 | 0.075 | 50 | POWERMITE® |
| NRVTSM260E* | 2 | 60 | 0.65 | 0.012 | 50 | POWERMITE |
| MBRM1H100 | 1 | 100 | 0.76 | 0.02 | 50 | POWERMITE |
| NRVBM2H100 | 2 | 100 | 0.84 | 0.02 | 50 | POWERMITE |
| NRVBA140 | 1 | 40 | 0.55 | 0.5 | 30 | SMA |
| NRVBA160 | 1 | 60 | 0.51 | 0.2 | 60 | SMA |
| NRVBA1H100 | 1 | 100 | 0.76 | 0.04 | 50 | SMA |
| NRVBA2H100 | 2 | 100 | 0.79 | 0.008 | 130 | SMA |
| NRVBA340 | 3 | 40 | 0.45 | 0.3 | 100 | SMA |
| NRVTS44100E* | 4 | 100 | 0.68 | 0.009 | 150 | SMA |
| MBRAF1100 | 1 | 100 | 0.75 | 0.5 | 50 | SMA-FL |
| NRVBAF1540 | 1.5 | 40 | 0.46 | 0.8 | 40 | SMA-FL |
| MBRAF260 | 2 | 60 | 0.63 | 0.2 | 60 | SMA-FL |
| MBRAF2H100 | 2 | 100 | 0.79 | 0.05 | 130 | SMA-FL |
| NRVBAF360 | 3 | 60 | 0.63 | 0.03 | 125 | SMA-FL |
| NRVBAF3200 | 3 | 200 | 0.84 | 1 | 100 | SMA-FL |
| NRVBAF440 | 4 | 40 | 0.485 | 0.3 | 100 | SMA-FL |
| NRVTSAF5100E* | 5 | 100 | 0.69 | 0.009 | 50 | SMA-FL |
| SBRS8130L | 1 | 30 | 0.395 | 1 | 40 | SMB |
| SBRS8140 | 1 | 40 | 0.6 | 1 | 40 | SMB |
| SBRS81100 | 1 | 100 | 0.75 | 0.5 | 50 | SMB |
| MBRS1540 | 1.5 | 40 | 0.46 | 0.8 | 40 | SMB |
| NRVBS240L | 2 | 40 | 0.43 | 2 | 25 | SMB |
| NRVBS260 | 2 | 60 | 0.63 | 0.2 | 60 | SMB |
| NBRS2H100 | 2 | 100 | 0.79 | 0.008 | 130 | SMB |
| NRVBS360B | 3 | 60 | 0.74 | 0.15 | 125 | SMB |
| NRVBS3200 | 3 | 200 | 0.84 | 1 | 100 | SMB |
| NRVTSS5100E* | 5 | 100 | 0.69 | 0.009 | 50 | SMB |
| SBRS8340 | 3 | 40 | 0.5 | 2 | 80 | SMC |
| NRVBS360 | 3 | 60 | 0.74 | 0.15 | 125 | SMC |
| NRVBS3100 | 3 | 100 | 0.79 | 0.05 | 130 | SMC |
| NRVBS3201 | 3 | 200 | 0.84 | 1 | 100 | SMC |
| NRVBS4201 | 4 | 200 | 0.86 | 1 | 100 | SMC |
| NRVBS540 | 5 | 40 | 0.5 | 0.3 | 190 | SMC |
| SBRD8360 | 3 | 60 | 0.6 | 0.2 | 75 | DPAK |
| NBRD5H100 | 5 | 100 | 0.71 | 0.0035 | 105 | DPAK |
| NRVBD640CT | 6 | 40 | 0.9 | 0.1 | 75 | DPAK |
| NRVBD650CT | 6 | 50 | 0.7 | 0.1 | 75 | DPAK |
| NRVBD660CT | 6 | 60 | 0.7 | 0.1 | 75 | DPAK |
| NRVBD1035CTL | 10 | 35 | 0.56 | 2 | 50 | DPAK |

* Trench Schottky rectifiers for improved efficiency and lower operating temperatures.

SCHOTTKY RECTIFIERS

| Device | V _{RRM} (V) | I _{O(rec)} (A) | V _F Max (V) | I _R Max (mA) | I _{FSM} (A) | Package(s) |
|-------------------|----------------------|-------------------------|------------------------|-------------------------|----------------------|-----------------|
| SBRD81045 | 10 | 45 | 0.57 | 0.1 | 70 | DPAK |
| NBRB8H100 | 8 | 100 | 0.71 | 0.0045 | 250 | D2PAK |
| SBRB1045 | 10 | 45 | 0.84 | 0.1 | 150 | D2PAK |
| NRVBB1060 | 10 | 60 | 0.8 | 0.1 | 150 | D2PAK |
| SBRB1545CT | 15 | 45 | 0.84 | 0.1 | 150 | D2PAK |
| NRVBB1645 | 16 | 45 | 0.63 | 0.2 | 150 | D2PAK |
| NRVBB2060CT | 20 | 60 | 0.95 | 0.2 | 150 | D2PAK |
| NTSB20100CT* | 20 | 100 | 0.83 | 0.8 | 150 | D2PAK |
| NTSB20U100CT* | 20 | 100 | 0.79 | 0.8 | 150 | D2PAK |
| NTSB20120CT* | 20 | 120 | 1.1 | 0.7 | 120 | D2PAK |
| SBRB20200CT | 20 | 200 | 1 | 1 | 150 | D2PAK |
| SBRB2545CT | 25 | 45 | 0.82 | 0.2 | 150 | D2PAK |
| NRVBB30H60CT | 30 | 60 | 0.62 | 0.3 | 260 | D2PAK |
| NRVTSB40200CT | 40 | 200 | 1.45 | 100 | 250 | D2PAK |
| NRVB440MFS | 4 | 40 | 0.63 | 0.8 | 40 | SO-8 FL / DFN-5 |
| NRVB460MFS | 4 | 60 | 0.74 | 0.2 | 40 | SO-8 FL / DFN-5 |
| NRVB540MFS | 5 | 40 | 0.57 | 0.06 | 40 | SO-8 FL / DFN-5 |
| NRVB560MFS | 5 | 60 | 0.75 | 0.15 | 60 | SO-8 FL / DFN-5 |
| NRVB5100MFS | 5 | 100 | 0.9 | 0.05 | 60 | SO-8 FL / DFN-5 |
| NRVB5H100MFS | 5 | 100 | 0.73 | 0.1 | 200 | SO-8 FL / DFN-5 |
| NRVB860MFS | 8 | 60 | 0.8 | 0.15 | 150 | SO-8 FL / DFN-5 |
| NRVB8H100MFS | 8 | 100 | 0.9 | 0.3 | 75 | SO-8 FL / DFN-5 |
| NRVB1240MFS | 12 | 40 | 0.68 | 0.5 | 150 | SO-8 FL / DFN-5 |
| NRVB2045EMFS | 20 | 45 | 0.64 | 0.4 | 400 | SO-8 FL / DFN-5 |
| NRVB30H100MFS | 30 | 100 | 0.9 | 0.1 | 300 | SO-8 FL / DFN-5 |
| NRVTS1045EMFS* | 10 | 45 | 0.6 | 0.05 | 210 | SO-8 FL / DFN-5 |
| NRVTS1245EMFS* | 12 | 45 | 0.6 | 0.05 | 210 | SO-8 FL / DFN-5 |
| NRVTS1545EMFS* | 15 | 45 | 0.6 | 0.05 | 210 | SO-8 FL / DFN-5 |
| NRVTS560EMFS* | 5 | 60 | 0.61 | 0.03 | 150 | SO-8 FL / DFN-5 |
| NRVTS860PFST3G* | 8 | 60 | 0.64 | 0.07 | 150 | TO-277 |
| NRVTS1060PFST3G* | 10 | 60 | 0.66 | 0.35 | 150 | TO-277 |
| NRVTS1260PFST3G* | 12 | 60 | 0.66 | 0.35 | 150 | TO-277 |
| NRVTS8100PFST3G* | 8 | 100 | 0.82 | 0.1 | | TO-277 |
| NRVTS10100PFST3G* | 10 | 100 | 0.78 | 0.1 | 120 | TO-277 |
| NRVTS12100PFST3G* | 12 | 100 | 0.8 | 0.12 | 130 | TO-277 |
| NRVTS15100PFST3G* | 15 | 100 | 0.81 | 0.05 | 200 | TO-277 |

* Trench Schottky rectifiers for improved efficiency and lower operating temperatures.

ULTRAFAST RECTIFIERS

| Device | V _{RRM} (V) | I _{O(rec)} (A) | V _F Max (V) | I _R Max (μA) | I _{FSM} (A) | t _{rr} Max (ns) | Package(s) |
|---------------|----------------------|-------------------------|------------------------|-------------------------|----------------------|--------------------------|----------------|
| SURA8110 | 100 | 1 | 0.875 | 2.0 | 50 | 30 | SMA |
| SURA8210 | 100 | 2 | 0.94 | 2.0 | 50 | 30 | SMA |
| SURS8110 | 100 | 1 | 0.875 | 2.0 | 40 | 35 | SMB |
| SURS8210 | 100 | 2 | 0.94 | 2.0 | 50 | 30 | SMB |
| NRVHP120SF | 200 | 1 | 1 | 0.5 | 30 | 25 | SOD-123FL |
| NRVHP220SF | 200 | 2 | 1.05 | 0.5 | 40 | 50 | SOD-123FL |
| NRVHP620MFD | 200 | 6 (3 x 2) | 1 | 35.0 | 80 | 25 | SO-8 FL, DFN-5 |
| NRVHP8H200MFD | 200 | 8 (4 x 2) | 0.91 | 0.5 | 80 | 30 | SO-8 FL, DFN-5 |
| NRVHP420LFS | 200 | 4 | 0.95 | 0.5 | 125 | 50 | LFPACK |
| NRVHP620LFS | 200 | 6 | 0.95 | 0.5 | 150 | 50 | LFPACK |
| NRVHP820LFS | 200 | 8 | 1 | 1 | 175 | 35 | LFPACK |
| NRVHPM120 | 200 | 1 | 1 | 0.5 | 30 | 25 | POWERMITE |
| NRVHPM220 | 200 | 2 | 1.05 | 0.5 | 40 | 50 | POWERMITE |
| NRVUB1620CT | 200 | 16 | 0.975 | 5.0 | 100 | 35 | D2PAK |
| NRVUB1620CTR | 200 | 16 | 1.2 | 5.0 | 100 | 85 | D2PAK |
| NRVUD620CT | 200 | 6 | 1.2 | 5.0 | 63 | 35 | DPAK |
| SSRD8620CT | 200 | 6 | 1.15 | 5.0 | 50 | 45 | DPAK |
| SSRD8620CTR | 200 | 6 | 1.3 | 1.0 | 45 | 75 | DPAK |
| SURA8120 | 200 | 1 | 0.875 | 2.0 | 40 | 35 | SMA |
| SURA8220 | 200 | 2 | 0.95 | 2.0 | 40 | 35 | SMA |
| SURD8320 | 200 | 3 | 0.95 | 5.0 | 75 | 35 | DPAK |
| SURS8120 | 200 | 1 | 0.875 | 2.0 | 40 | 35 | SMB |
| SURS8220 | 200 | 2 | 0.95 | 2.0 | 40 | 25 | SMB |
| SURS8320 | 200 | 3 | 0.875 | 5.0 | 75 | 35 | SMC |
| NRVHPAF320 | 200 | 3 | 1 | 0.5 | 110 | 30 | SMA-FL |
| SURD8530 | 300 | 5 | 1.05 | 5.0 | 75 | 50 | DPAK |
| NRVHP140SF | 400 | 1 | 1.25 | 0.5 | 25 | 40 | SOD-123FL |
| SURA8140 | 400 | 1 | 1.1 | 5.0 | 35 | 65 | SMA |
| NRVUB1660CT | 600 | 16 | 1.5 | 10.0 | 100 | 60 | D2PAK |
| SURHD8560 | 600 | 5 | 2.7 | 10.0 | 50 | 30 | DPAK |
| SURHS8160 | 600 | 1 | 2.4 | 20.0 | 15 | 35 | SMB |
| SURS8160 | 600 | 1 | 1.25 | 5.0 | 35 | 75 | SMB |
| SURS8360 | 600 | 3 | 1.25 | 10.0 | 75 | 75 | SMC |

ZENER DIODE ARRAYS

| | Device | V _{BR} Typ (V) | V _{RWM} Max (V) | I _R Max (μA) | I _{pp} Max* (A) | V _C Max (V) | Package(s) |
|---------------------|--------------|-------------------------|--------------------------|-------------------------|--------------------------|------------------------|------------|
| Dual Common Cathode | SZMMBZ15VDL | 15 | 12.8 | 0.1 | 1.9 | 21.2 | SOT-23 |
| | SZMMBZ27VCL | 27 | 22 | 0.05 | 1 | 38 | |
| Dual Common Anode | SZMMBZ5V6AL | 5.6 | 3 | 5 | 3 | 8 | |
| | SZMMBZ6V2AL | 6.2 | 3 | 0.5 | 2.76 | 8.7 | |
| | SZMMBZ6V8AL | 6.8 | 4.5 | 0.5 | 2.5 | 9.6 | |
| | SZMMBZ9V1AL | 9.1 | 6 | 0.3 | 1.7 | 14 | |
| | SZMMBZ12VAL | 12 | 8.5 | 0.2 | 2.35 | 17 | |
| | SZMMBZ15VAL | 15 | 12 | 0.05 | 1.9 | 21 | |
| | SZMMBZ16VAL | 15.20 | 16 | 16.80 | 1.7 | 23 | |
| | SZMMBZ16VTAL | 15.68 | 16 | 16.32 | 1.7 | 23 | |
| | SZMMBZ18VAL | 18 | 14.5 | 0.05 | 1.6 | 25 | |
| | SZMMBZ20VAL | 20 | 17 | 0.05 | 1.4 | 28 | |
| | SZMMBZ27VAL | 27 | 22 | 0.05 | 1 | 40 | |
| | SZMMBZ33VAL | 33 | 26 | 0.05 | 0.87 | 46 | |
| | SZMMBZ47VAL | 44.65 | 47 | 49.35 | 0.74 | 54 | |
| | SZMMBZ47VTAL | 46.06 | 47 | 47.94 | 0.74 | 54 | |
| Dual Common Cathode | SZMMBZ27VCW | 27 | 22 | 0.05 | 1 | 38 | |
| Dual Common Anode | SZMMBZ27VAW | 27 | 22 | 0.05 | 1 | 40 | SC-70 |
| Quad | SZMMA5V6 | 5.6 | – | – | – | – | SC-74 |
| | SZMMA6V2 | 6.2 | – | – | – | – | |
| | SZMMA6V8 | 6.8 | – | – | – | – | |
| | SZMMA15V | 15 | – | – | – | – | |
| | SZMMA20V | 20 | – | – | – | – | |
| | SZMMA27V | 27 | – | – | – | – | |
| | SZMMA33V | 33 | – | – | – | – | |
| | SZMSQA6V1 | 6.1 | – | – | – | – | SC-88 |

* I_{pp} Max rating based on 10 x 1000 μs surge waveform.

ZENER DIODES

| Vz Typ | 225 mW | | 225 mW | | 250 mW | | 300 mW | | 500 mW | | | | 500 mW | | | 1.5 W | 3 W |
|--------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------------|-------------------|-----------|-------------|-------------|-------------|-----------|
| Volts | SOT-23 (5%) | SOT-23 (2%) | SOT-23 (5%) | SOT-23 (2%) | X2DFNW2 (5%) | X2DFNW2 (2%) | SOD-323 (5%) | SOD-323 (2%) | SOD-523 (5%) | SOD-523 (2%) | SOD-523 (Low Izt) | SOD-523 (Low Izt) | SOD-123 | | | SMA | SMB |
| 2.4 | SZLN29F2V4 | SZLN29F2V4 | SZBZX84C2V4L | — | SZLN28F2V4* | SZLN28F2V4S* | SZMM3Z2V4 | — | SZMM5Z2V4 | SZMM5Z2V4 | SZMM5Z4680* | SZMMSZ4680 | SZMMSZ2V4 | — | — | — | — |
| 2.7 | SZLN29F2V7 | SZLN29F2V7 | SZBZX84C2V7L | — | SZLN28F2V7* | SZLN28F2V7S* | SZMM3Z2V7 | — | SZMM5Z2V7 | SZMM5Z2V7 | SZMM5Z4681* | SZMMSZ4681 | SZMMSZ2V7 | SZMMSZ5223B | — | — | — |
| 3 | SZLN29F3V0 | SZLN29F3V0 | SZBZX84C3V0L | — | SZLN28F3V0* | SZLN28F3V0S* | SZMM3Z3V0 | SZMM3Z3V0 | SZMM5Z3V0 | — | SZMM5Z4683* | SZMMSZ4683 | SZMMSZ3V0 | SZMMSZ5225B | — | — | — |
| 3.3 | SZLN29F3V3 | SZLN29F3V3 | SZBZX84C3V3L | — | SZLN28F3V3* | SZLN28F3V3S* | SZMM3Z3V3 | SZMM3Z3V3 | SZMM5Z3V3 | SZMM5Z3V3 | SZMM5Z4684* | SZMMSZ4684 | SZMMSZ3V3 | SZMMSZ5226B | SZ1SMA5913B | SZ1SMB5913B | 1SMB5913B |
| 3.6 | SZLN29F3V6 | SZLN29F3V6 | SZBZX84C3V6L | — | SZLN28F3V6* | SZLN28F3V6S* | SZMM3Z3V6 | — | SZMM5Z3V6 | SZMM5Z3V6 | SZMM5Z4685* | SZMMSZ4685 | SZMMSZ3V6 | — | — | SZ1SMB5914B | 1SMB5914B |
| 3.9 | SZLN29F3V9 | SZLN29F3V9 | SZBZX84C3V9L | — | SZLN28F3V9* | SZLN28F3V9S* | SZMM3Z3V9 | SZMM3Z3V9 | — | — | SZMM5Z4686* | SZMMSZ4686 | SZMMSZ3V9 | — | — | SZ1SMB5915B | 1SMB5915B |
| 4.3 | SZLN29F4V3 | SZLN29F4V3 | SZBZX84C4V3L | — | SZLN28F4V3* | SZLN28F4V3S* | SZMM3Z4V3 | SZMM3Z4V3 | SZMM5Z4V3 | SZMM5Z4V3 | SZMM5Z4687* | SZMMSZ4687 | — | — | SZ1SMA5914B | — | — |
| 4.7 | SZLN29F4V7 | SZLN29F4V7 | SZBZX84C4V7L | SZBZX84B4V7L | SZLN28F4V7* | SZLN28F4V7S* | SZMM3Z4V7 | SZMM3Z4V7 | SZMM5Z4V7 | SZMM5Z4V7 | SZMM5Z4688* | SZMMSZ4688 | — | SZMMSZ5230B | SZ1SMA5917B | SZ1SMB5917B | 1SMB5917B |
| 5.1 | SZLN29F5V1 | SZLN29F5V1 | SZBZX84C5V1L | SZBZX84B5V1L | SZLN28F5V1* | SZLN28F5V1S* | SZMM3Z5V1 | SZMM3Z5V1 | SZMM5Z5V1 | SZMM5Z5V1 | SZMM5Z4689* | SZMMSZ4689 | SZMMSZ5V1 | SZMMSZ5231B | SZ1SMA5918B | SZ1SMB5918B | 1SMB5918B |
| 5.6 | SZLN29F5V6 | SZLN29F5V6 | SZBZX84C5V6L | SZBZX84B5V6L | SZLN28F5V6* | SZLN28F5V6S* | SZMM3Z5V6 | SZMM3Z5V6 | SZMM5Z5V6 | SZMM5Z5V6 | SZMM5Z4690* | SZMMSZ4690 | SZMMSZ5V6 | SZMMSZ5232B | SZ1SMA5919B | SZ1SMB5919B | 1SMB5919B |
| 6.2 | SZLN29F6V2 | SZLN29F6V2 | SZBZX84C6V2L | SZBZX84B6V2L | SZLN28F6V2* | SZLN28F6V2S* | SZMM3Z6V2 | SZMM3Z6V2 | SZMM5Z6V2 | SZMM5Z6V2 | SZMM5Z4691* | SZMMSZ4691 | SZMMSZ6V2 | SZMMSZ5234B | SZ1SMA5920B | SZ1SMB5920B | 1SMB5920B |
| 6.8 | SZLN29F6V8 | SZLN29F6V8 | SZBZX84C6V8L | SZBZX84B6V8L | SZLN28F6V8* | SZLN28F6V8S* | SZMM3Z6V8 | SZMM3Z6V8 | SZMM5Z6V8 | SZMM5Z6V8 | SZMM5Z4692* | SZMMSZ4692 | SZMMSZ6V8 | SZMMSZ5235B | SZ1SMA5921B | SZ1SMB5921B | 1SMB5921B |
| 7.5 | SZLN29F7V5 | SZLN29F7V5 | SZBZX84C7V5L | SZBZX84B7V5L | SZLN28F7V5* | SZLN28F7V5S* | SZMM3Z7V5 | SZMM3Z7V5 | SZMM5Z7V5 | SZMM5Z7V5 | SZMM5Z4693* | SZMMSZ4693 | SZMMSZ7V5 | SZMMSZ5236B | SZ1SMA5922B | SZ1SMB5922B | 1SMB5922B |
| 8.2 | SZLN29F8V2 | SZLN29F8V2 | SZBZX84C8V2L | SZBZX84B8V2L | SZLN28F8V2* | SZLN28F8V2S* | SZMM3Z8V2 | SZMM3Z8V2 | SZMM5Z8V2 | SZMM5Z8V2 | SZMM5Z4694* | SZMMSZ4694 | SZMMSZ8V2 | SZMMSZ5237B | SZ1SMA5923B | SZ1SMB5923B | 1SMB5923B |
| 9.1 | SZLN29F9V1 | SZLN29F9V1 | SZBZX84C9V1L | SZBZX84B9V1L | SZLN28F9V1* | SZLN28F9V1S* | SZMM3Z9V1 | SZMM3Z9V1 | SZMM5Z9V1 | SZMM5Z9V1 | SZMM5Z4696* | SZMMSZ4696 | SZMMSZ9V1 | — | SZ1SMA5924B | SZ1SMB5924B | 1SMB5924B |
| 10 | SZLN29F10V | SZLN29F10V | SZBZX84C10L | — | SZLN28F10V* | SZLN28F10VS* | SZMM3Z10V | SZMM3Z10V | SZMM5Z10V | — | SZMM5Z4697* | SZMMSZ4697 | SZMMSZ10V | SZMMSZ5240B | SZ1SMA5925B | SZ1SMB5925B | 1SMB5925B |
| 11 | SZLN29F11V | SZLN29F11V | SZBZX84C11L | — | SZLN28F11V* | SZLN28F11VS* | SZMM3Z11V | — | SZMM5Z11V | — | SZMM5Z4698* | SZMMSZ4698 | SZMMSZ11 | — | — | SZ1SMB5926B | 1SMB5926B |
| 12 | SZLN29F12V | SZLN29F12V | SZBZX84C12L | SZBZX84B12L | SZLN28F12V* | SZLN28F12VS* | SZMM3Z12V | SZMM3Z12V | SZMM5Z12V | SZMM5Z12V | SZMM5Z4699* | SZMMSZ4699 | SZMMSZ12 | SZMMSZ5242B | SZ1SMA5927B | SZ1SMB5927B | 1SMB5927B |
| 13 | SZLN29F13V | SZLN29F13V | SZBZX84C13L | — | SZLN28F13V* | SZLN28F13VS* | SZMM3Z13V | SZMM3Z13V | SZMM5Z13V | — | SZMM5Z4700* | SZMMSZ4700 | SZMMSZ13 | SZMMSZ5243B | SZ1SMA5928B | SZ1SMB5928B | 1SMB5928B |
| 14 | — | — | — | — | — | — | — | — | — | — | SZMM5Z4701* | SZMMSZ4701 | — | SZMMSZ5244B | SZ1SMA5929B | — | — |
| 15 | SZLN29F15V | SZLN29F15V | SZBZX84C15L | SZBZX84B15L | SZLN28F15V* | SZLN28F15VS* | SZMM3Z15V | SZMM3Z15V | SZMM5Z15V | — | SZMM5Z4702* | SZMMSZ4702 | SZMMSZ15 | SZMMSZ5245B | — | SZ1SMB5929B | 1SMB5929B |
| 16 | SZLN29F16V | SZLN29F16V | SZBZX84C16L | SZBZX84B16L | SZLN28F16V* | SZLN28F16VS* | SZMM3Z16V | SZMM3Z16V | SZMM5Z16V | SZMM5Z16V | SZMM5Z4703* | SZMMSZ4703 | SZMMSZ16 | SZMMSZ5246B | SZ1SMA5930B | SZ1SMB5930B | 1SMB5930B |
| 17 | — | — | — | — | — | — | — | — | — | — | SZMM5Z4704* | SZMMSZ4704 | — | SZMMSZ5247B | — | — | — |
| 18 | SZLN29F18V | SZLN29F18V | SZBZX84C18L | SZBZX84B18L | SZLN28F18V* | SZLN28F18VS* | SZMM3Z18V | SZMM3Z18V | SZMM5Z18V | SZMM5Z18V | SZMM5Z4705* | SZMMSZ4705 | SZMMSZ18 | SZMMSZ5248B | SZ1SMA5931B | SZ1SMB5931B | 1SMB5931B |
| 19 | — | — | — | — | — | — | — | — | — | — | SZMM5Z4706* | SZMMSZ4706 | — | SZMMSZ5249B | — | — | — |
| 20 | SZLN29F20V | — | SZBZX84C20L | — | SZLN28F20V* | SZLN28F20VS* | SZMM3Z20V | — | SZMM5Z20V | — | SZMM5Z4707* | SZMMSZ4707 | SZMMSZ20 | SZMMSZ5250B | SZ1SMA5932B | SZ1SMB5932B | 1SMB5932B |
| 22 | SZLN29F22V | — | SZBZX84C22L | SZBZX84B22L | SZLN28F22V* | SZLN28F22VS* | SZMM3Z22V | SZMM3Z22V | SZMM5Z22V | — | SZMM5Z4708* | SZMMSZ4708 | SZMMSZ22 | — | SZ1SMA5933B | SZ1SMB5933B | 1SMB5933B |
| 24 | SZLN29F24V | — | SZBZX84C24L | SZBZX84B24L | SZLN28F24V* | SZLN28F24VS* | SZMM3Z24V | SZMM3Z24V | SZMM5Z24V | — | SZMM5Z4709* | SZMMSZ4709 | SZMMSZ24 | SZMMSZ5252B | SZ1SMA5934B | SZ1SMB5934B | 1SMB5934B |
| 27 | — | — | SZBZX84C27L | SZBZX84B27L | SZLN28F27V* | SZLN28F27VS* | SZMM3Z27V | SZMM3Z27V | SZMM5Z27V | — | SZMM5Z4711* | SZMMSZ4711 | SZMMSZ27 | SZMMSZ5254B | SZ1SMA5935B | SZ1SMB5935B | 1SMB5935B |
| 30 | — | — | SZBZX84C30L | — | — | — | SZMM3Z30V | SZMM3Z30V | SZMM5Z30V | — | SZMM5Z4713* | SZMMSZ4713 | SZMMSZ30 | SZMMSZ5256B | SZ1SMA5936B | SZ1SMB5936B | 1SMB5936B |
| 33 | — | — | SZBZX84C33L | — | SZLN28F33V* | SZLN28F33VS* | SZMM3Z33V | SZMM3Z33V | SZMM5Z33V | — | SZMM5Z4714* | SZMMSZ4714 | SZMMSZ33 | SZMMSZ5257B | SZ1SMA5937B | SZ1SMB5937B | 1SMB5937B |
| 36 | — | — | SZBZX84C36L | — | — | — | SZMM3Z36V | SZMM3Z36V | SZMM5Z36V | — | SZMM5Z4715* | SZMMSZ4715 | SZMMSZ36 | SZMMSZ5258B | SZ1SMA5938B | SZ1SMB5938B | 1SMB5938B |
| 39 | — | — | SZBZX84C39L | — | — | — | SZMM3Z39V | SZMM3Z39V | SZMM5Z39V | — | — | — | SZMMSZ39 | SZMMSZ5259B | SZ1SMA5939B | SZ1SMB5939B | 1SMB5939B |
| 43 | — | — | SZBZX84C43L | — | — | — | SZMM3Z43V | — | SZMM5Z43V | — | SZMM5Z4717* | SZMMSZ4717 | — | SZMMSZ5260B | SZ1SMA5940B | SZ1SMB5940B | 1SMB5940B |
| 47 | — | — | SZBZX84C47L | — | SZLN28F47V* | SZLN28F47VS* | SZMM3Z47V | — | SZMM5Z47V | — | — | — | — | SZMMSZ5261B | SZ1SMA5941B | SZ1SMB5941B | 1SMB5941B |
| 51 | — | — | SZBZX84C51L | — | — | — | SZMM3Z51V | — | SZMM5Z51V | — | — | — | — | SZMMSZ5262B | SZ1SMA5942B | SZ1SMB5942B | 1SMB5942B |
| 56 | — | — | SZBZX84C56L | — | — | — | SZMM3Z56V | — | SZMM5Z56V | — | — | — | — | — | SZ1SMA5943B | SZ1SMB5943B | 1SMB5943B |
| 62 | — | — | SZBZX84C62L | — | — | — | — | — | SZMM5Z62V | — | — | — | — | SZMMSZ5265B | — | SZ1SMB5944B | 1SMB5944B |
| 68 | — | — | SZBZX84C68L | — | — | — | SZMM3Z68V | — | SZMM5Z68V | — | — | — | — | SZMMSZ5266B | SZ1SMA5945B | SZ1SMB5945B | 1SMB5945B |
| 75 | — | — | SZBZX84C75L | — | — | — | SZMM3Z75V | — | SZMM5Z75V | — | — | — | — | SZMMSZ5267B | — | SZ1SMB5946B | 1SMB5946B |
| 82 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | SZ1SMB5947B | 1SMB5947B |
| 100 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | SZ1SMB5949B | 1SMB5949B |

* Pending 4Q19.

SCHOTTKY DIODES

| Device | V _R (V) | I _F (mA) | C _T Max (pF) | V _F Max (V) | I _R Max (μA) | Type | Package(s) |
|--------------|--------------------|---------------------|-------------------------|------------------------|-------------------------|---------------------|---------------------------------|
| SMMSD701 | 70 | 200 | 1 | 0.5 | 0.2 | Single | SOD-123 |
| SMMSD301 | 30 | 200 | 1.5 | 0.45 | 0.2 | Single | |
| NSVBAT54H | 30 | 200 | 10 | 0.32 | 2 | Single | SOD-323 |
| NSVR0320MW2 | 23 | 1000 | 35 | 0.27 | 50 | Single | |
| NSVR1020MW2 | 20 | 1000 | 29 | 0.44 | 40 | Single | |
| NSVRB751V40 | 30 | 30 | 2 | 0.37 | 0.5 | Single | |
| NSVR0240H | 40 | 250 | 4 | 0.45 | 0.55 | Single | |
| NSVR0340H | 40 | 250 | 6 | 0.35 | 1 | Single | |
| MMDL770 | 70 | 70 | 1 | 0.5 | 0.2 | Single | |
| NSR0340V2* | 40 | 250 | 6 | 0.35 | 1 | Single | SOD-523 |
| NSVR0240V2 | 40 | 250 | 4 | 0.7 | 0.55 | Single | |
| NSVR0520V2 | 20 | 500 | 35 | 0.48 | 30 | Single | |
| NSVRB521S30 | 30 | 200 | — | 0.5 | 30 | Single | |
| NSVRB751S40 | 30 | 30 | 2.5 | 0.37 | 0.5 | Single | |
| RB520S30* | 30 | 200 | — | 0.6 | 1 | Single | |
| SBAT54XV2 | 30 | 200 | 10 | 0.32 | 2 | Single | |
| NSVR0230M2 | 30 | 200 | — | 0.325 | 10 | Single | SOD-723 |
| NSVR0230P2 | 30 | 200 | — | 0.325 | 10 | Single | SOD-923 |
| NSVR0620P2 | 20 | 500 | 12 | 0.31 | 10 | Single | |
| NSR0140P2* | 30 | 70 | 2 | 0.28 | 0.3 | Single | |
| NSR0130P2* | 30 | 100 | - | 0.38 | 0.35 | Single | |
| NSVR0530P2 | 30 | 500 | 10 | 37 | 10 | Single | |
| NSVR0240P2 | 40 | 200 | 7 | 0.365 | 0.55 | Single | |
| NSVR0340P2 | 40 | 200 | 4 | 0.32 | 5 | Single | |
| NSVR0170P2 | 70 | 70 | 2 | 0.39 | 9 | Single | |
| NSVBAT54M3 | 30 | 200 | 10 | 0.32 | 2 | Single | SOT-723 |
| NSVBA570L | 70 | 70 | 2 | 0.41 | 0.1 | Single | SOT-23 |
| SMMBD701L | 70 | — | 1 | 0.5 | 0.2 | Single | |
| SBAS70-04L | 70 | — | 2 | 0.41 | 0.1 | Dual Series | |
| SBAS40L | 40 | 120 | 5 | 0.38 | 1 | Single | |
| SBAS40-04L | 40 | 120 | 5 | 0.38 | 1 | Dual Series | |
| SBAS40-06L | 40 | 120 | 5 | 0.38 | 1 | Dual Common Anode | |
| SBAT54CL | 30 | 200 | 10 | 0.32 | 2 | Dual Common Cathode | |
| NSVBAT54L | 30 | 200 | 10 | 0.32 | 2 | Single | |
| SBAT54AL | 30 | 200 | 10 | 0.32 | 2 | Dual Common Anode | |
| SBAT54SL | 30 | 200 | 10 | 0.32 | 2 | Dual Series | |
| SMMBD301L | 30 | — | 1.5 | 0.45 | 0.2 | Single | |
| NSVMMD353L | 7 | — | 1 | 0.6 | 10 | Dual Series | |
| NSVMMD354L | 7 | — | 1 | 0.6 | 10 | Dual Common Cathode | |
| SMMBD770 | 70 | 200 | 1 | 0.5 | 0.2 | Single | |
| SBAT54AW | 30 | 200 | 10 | 0.32 | 2 | Dual Common Anode | |
| SBAT54CW | 30 | 200 | 10 | 0.32 | 2 | Dual Common Cathode | |
| NSVBAT54W | 30 | 200 | 10 | 0.32 | 2 | Single | |
| NSVBAT54SW | 30 | 200 | 10 | 0.32 | 2 | Dual Series | |
| SMMBD330 | 30 | 200 | 1.5 | 0.45 | 0.2 | Single | |
| NSVMMD352W | 7 | — | 1 | 0.6 | 10 | Dual Series | |
| NSVMMD770DW1 | 70 | 200 | 1 | 0.5 | 0.2 | Dual Isolated | SC-88-6 (SC-70-6, SOT-363-6) |
| SBAT54CT | 30 | 600 | 10 | 0.32 | 2 | Dual Common Cathode | SC-75 |

*NOTE: Contact ON Semiconductor for AEC and PPAP status.

RF SCHOTTKY BARRIER DIODES

| Device | Maximum Rating | | | Package(s) |
|--------------|--------------------|---|--|------------|
| | V _R (V) | V _F Max (mV) @ I _F = 1 mA | C Typ (pF) @ V _R = 0.2 V, f = 1 MHz | |
| NSVR201MX | 2 | 320 | 0.15 | X2DFN-2 |
| NSVR351SDSA3 | 5 | 230 | 0.69 | SC-59 |

SWITCHING DIODES

| Device | V _R Min (V) | I _R Max (μA) | V _F Max (V) | C _T Max (pF) | t _{rr} Max (ns) | Type | Package(s) |
|--------------|------------------------|-------------------------|------------------------|-------------------------|--------------------------|---------------------|------------|
| SM1MA151WK | 40 | 0.1 | 1.2 | 2 | 2 | Dual Common Cathode | SC-59 |
| SBAS21L | 250 | 0.1 | 1 | 5 | 50 | Single | SOT-23 |
| NSVBAS21SL | 250 | 1 | 1 | 5 | 50 | Dual Series | |
| SBAS20L | 200 | 0.1 | 1 | 5 | 50 | Single | |
| NSVBAS19L | 120 | 0.1 | 1 | 5 | 50 | Single | |
| SMMBD7000L | 100 | 1 | 1.1 | 1.5 | 4 | Dual Series | |
| SBAW56L | 100 | 5 | 1 | 4 | 4 | Single | |
| SMMBD914L | 100 | 5 | 1 | 4 | 4 | Dual Common Cathode | |
| SBAS116L | 75 | 0.005 | 1.1 | 2 | 3000 | Single | |
| SBAS16L | 75 | 1 | 1 | 2 | 6 | Single | |
| SBAV199L | 70 | 0.005 | 1 | 2 | 3000 | Dual Series | |
| SBAV70L | 70 | 2.5 | 1 | 1.5 | 6 | Dual Common Anode | |
| SBAV99L | 70 | 2.4 | 1 | 1.5 | 6 | Dual Series | |
| SBAW56L | 70 | 2.4 | 1 | 2 | 6 | Dual Common Anode | |
| SMMBD2837L | 35 | 0.1 | 1 | 4 | 4 | Dual Common Cathode | |
| NSVBAS20L | 200 | 0.1 | 1.25 | 5 | 50 | Single | |
| NSVBAS116L | 75 | 0.2 | 1 | 2 | 6 | Dual Common Cathode | |
| SM1MA142WA | 80 | 0.1 | 1.2 | 2 | 10 | Dual Common Cathode | SC-70 |
| SM1MA142WK | 80 | 0.1 | 1.2 | 2 | 10 | Dual Common Anode | |
| SBAS16W | 75 | 1 | 1 | 2 | 6 | Single | |
| SBAV70W | 70 | 5 | 1 | 1.5 | 6 | Dual Common Cathode | |
| SBAV99RW | 70 | 2.5 | 1 | 1.5 | 6 | Dual Series | |
| SBAW56W | 70 | 2.5 | 1 | 2 | 6 | Dual Common Anode | |
| SBAV99W | 70 | 2.4 | 1 | 1.5 | 6 | Dual Series | |
| NSVBAS21TMR6 | 250 | 0.1 | 1.25 | 5 | 50 | Tri Isolated | SC-74 |
| SHN2D02FUTW1 | 80 | 0.1 | 1.2 | 2 | 3 | Tri Isolated | SC-88-6 |
| NSVBAS16W1 | 100 | 0.1 | 1.2 | 2 | 3 | | |
| SBAS21DW5 | 250 | 0.1 | 1 | 5 | 50 | Dual Isolated | SC-88A 5 |
| SBAS16DXV6 | 75 | 1 | 1 | 2 | 6 | Dual Isolated | SOT-563 |
| NSVBAS21M3 | 250 | 0.1 | 1 | 5 | 50 | Single | SOT-723 |
| NSVBAV70T | 70 | 5 | 1 | 1.5 | 6 | Dual Common Cathode | SC-75 |
| SBAW56T | 70 | 2.5 | 1 | 2 | 6 | Dual Common Anode | |
| SMMSD103 | 250 | 1 | 1 | 5 | 50 | Single | SOD-123 |
| SMMSD4148 | 100 | 5 | 1 | 4 | 4 | Single | |
| SMMSD914 | 100 | 5 | 1 | 4 | 4 | Single | |
| NSVD350HT1G | 350 | 1500 | 5 | 0.6 | 0.15 | Single | SOD-323 |
| NSVBAS21H | 250 | 1 | 1 | 5 | 50 | Single | |
| SBAS20H | 200 | 0.1 | 1 | 5 | 50 | Single | |
| SMMDL914 | 100 | 5 | 1 | 4 | 4 | Single | |
| SBAS16H | 75 | 1 | 1 | 2 | 6 | Single | |
| SMMDL6050 | 70 | 0.1 | 0.7 | 2.5 | 4 | Single | |
| NSV1SS400 | 100 | 0.1 | 1.2 | 3 | 4 | Single | SOD-523 |
| SBAS16XV2 | 75 | 1 | 1 | 2 | 6 | Single | |

PIN DIODES

| Device | Maximum Rating | | C Typ (pF) @ V _R = 50 V, f = 1 MHz | r _s Typ (Ω) @ I _F = 10 mA, f = 100 MHz | Package(s) |
|--------------|--------------------|---------------------|---|--|------------|
| | V _R (V) | I _F (mA) | | | |
| NSVP249SDSF3 | 50 | 50 | 0.23 | 4.5 | SC-70 |
| NSVP264SDSF3 | 50 | 50 | 0.23 | 2.5 | SC-70 |

ESD PROTECTION DEVICES

| | Device | V _{BR} Min (V) | V _{RWM} Max (V) | I _R Max (μA) | I _{pp} Max* (A) | V _C Max (V) | C Max (pF) | No of Channels | Topology | ESD IEC61000 4-2 (Contact/Air) | Applications | Package(s) |
|---------------------------------|--------------|-------------------------|--------------------------|-------------------------|--------------------------|------------------------|------------|----------------|----------------|--------------------------------|---|-----------------|
| IVN | SZNUP1105 | 25.7 | 24 | 0.1 | 8 | 44 | 30 | 1 | Bidirectional | ±30 kV/±30 kV | LIN and LS CAN | SOT-23 |
| | SZNUP2105 | 26.2 | 24 | 0.1 | 8 | 44 | 30 | 2 | Bidirectional | ±30 kV/±30 kV | HS CAN | |
| | SESDONCAN1 | 26.2 | 24 | 0.1 | 3 | 50 | 10 | 2 | Bidirectional | ±23 kV/±23 kV | HS CAN, CAN-FD | |
| | SZNUP3105 | 35.6 | 32 | 0.1 | 10 | 44 | 30 | 2 | Bidirectional | ±30 kV/±30 kV | 24 V System CAN | |
| | SZNUP2115 | 26.2 | 24 | 0.1 | 3 | 50 | 10 | 2 | Bidirectional | ±23 kV/±23 kV | FlexRay | |
| | SZNUP2125 | 26.2 | 24 | 0.1 | 3 | 50 | 15 | 2 | Bidirectional | ±30 kV/±30 kV | HS CAN, CAN-FD | |
| | SZNUP2128 | 27.5 | 26.5 | 0.1 | 3 | 70 | 15 | 2 | Bidirectional | ±30 kV/±30 kV | HS-CAN, CAN-FD, +175°C TJ | SC-70 (SOT-323) |
| | SZNUP3125 | 35.6 | 32 | 0.1 | 2 | 60 | 10 | 2 | Bidirectional | ±21 kV/±21 kV | 24 V System CAN | |
| | SZESD7002 | 16.5 | 16 | 1 | – | – | 0.5 | 2 | Unidirectional | ±8 kV/±15 kV | Ethernet Short-to-Battery Compliant | SOT-723 |
| | SZESD7205 | 5.2 | 5 | 1 | – | – | 0.55 | 2 | Unidirectional | ±25 kV/±25 kV | Ethernet | |
| | SZESD1L001 | 16.5 | 16 | 1 | – | – | 0.50 | 4 | Unidirectional | ±8 kV/±15 kV | Ethernet Short-to-Battery Compliant | SC-88 (SOT-363) |
| | SZNUP1128 | 27.5 | 26.5 | 0.1 | 3 | 70 | 15 | 1 | Bidirectional | ±30 kV/±30 kV | LIN/SW CAN | SOD-323 |
| SZNUPH1128** | 27.5 | 26.5 | 0.1 | 3 | 70 | 15 | 1 | Bidirectional | ±30 kV/±30 kV | LIN/SW CAN, +175°C TJ | | |
| High Speed Data Line Protection | SNUP2114 | 5.5 | 5 | 1 | 12 | 12 | 1 | 2 | Unidirectional | ±8 kV/±15 kV | Gigabit Ethernet, HDMI, USB2.0 | TSOP-6 |
| | SZNUP4114 | 5.5 | 5 | 1 | 12 | 12.1 | 0.60 | 4 | Unidirectional | ±8 kV/±15 kV | LVDS, USB2.0, Gigabit Ethernet | |
| | SZNUP1301 | 70 | – | 2.5 | – | – | 0.90 | 1 | Bidirectional | ±8 kV/±15 kV | GHz speed I/Os | |
| | SZESD7272 | 27 | 24 | 1 | 1 | 30 | 2 | 2 | Unidirectional | ±8 kV/±15 kV | MHz Speed I/Os Varistor Replacement, +175°C TJ | SOT-23 |
| | SZNUP2301 | 70 | – | 2.5 | 2 | – | 3 | 2 | Bidirectional | ±8 kV/±15 kV | MHz speed I/Os - I2C, USB2.0 | SC-88 |
| | SZNUP4301 | 70 | – | 2.5 | 2 | – | 3 | 4 | Bidirectional | ±8 kV/±15 kV | MHz speed I/Os - I2C, USB2.0 | SC-74 |
| | SZNUP4304 | 70 | – | 2.5 | 2 | – | 1.50 | 4 | Bidirectional | ±8 kV/±15 kV | MHz speed I/Os - I2C, USB2.0 | TSOP-6 |
| | SZNUP4016 | 5.5 | 5 | 1 | – | – | 0.80 | 4 | Unidirectional | ±15 kV/±15 kV | USB2.0, Gigabit Ethernet | SOT-953 |
| | SZSD12T1G | 13.3 | 12 | 1 | 15 | 25 | 150 | 1 | Unidirectional | ±8 kV/±15 kV | Surge, Transients | SOD-323 |
| | SZESD5Z5.0 | 6.2 | 5 | 0.05 | 9.4 | 18.6 | 80 | 1 | Unidirectional | ±30 kV/±30 kV | MHz speed I/Os | SOD-523 |
| | SZESD5Z7.0 | 7.5 | 7 | 0.01 | 8.8 | 22.7 | 65 | 1 | Unidirectional | ±30 kV/±30 kV | MHz speed I/Os | |
| | SZESD7002 | 16.5 | 5 | 1 | – | – | 0.50 | 2 | Unidirectional | ±8 kV/±15 kV | HDMI, USB3.0, LVDS | SC-70 |
| | SZESD7004 | 5.5 | 5 | 1 | 1 | 10 | 0.50 | 4 | Unidirectional | ±15 kV/±15 kV | HDMI, USB3.0, LVDS | UDFN-10 |
| | NIV1161 | 16.5 | 16 | 1 | – | – | 0.50 | 2 | Unidirectional | ±8 kV/±15 kV | USB 2.0/3.0, LVDS, HDMI Short to Battery Blocking | WDFN-6 |
| | NIV2161 | 16.5 | 16 | 1 | – | – | 0.50 | 2 | Unidirectional | ±8 kV/±15 kV | USB 2.0/3.0, LVDS, HDMI Short to GND/Battery Blocking | WDFN-10 |
| | SZESD7C5.0 | 11 | 5 | 0.5 | – | – | 6.2 | 2 | Unidirectional | ±8 kV/±15 kV | MHz speed I/Os | SOT-723 |
| | SZESD7205 | 5.2 | 5 | 1 | – | – | 0.55 | 2 | Unidirectional | ±25 kV/±25 kV | USB 2.0, HDMI, APIX, Ethernet | |
| | SZESD7371H | 7 | 5.3 | 0.05 | 3 | 20 | 0.55 | 1 | Unidirectional | ±20 kV/± 20kV | GHz speed I/Os, Antennas | SOD-323 |
| | SZESD7351H | 5 | 3.3 | 0.05 | 3 | 10 | 0.55 | 1 | Unidirectional | ±20 kV/±20 kV | GHz speed I/Os, Antennas | |
| | SZESD8351H | 5.5 | 3.3 | 1 | 3 | 6 | 0.55 | 1 | Unidirectional | ±15 kV/±15 kV | GHz speed I/Os, Antennas | |
| | SZESD7361H | 16.5 | 16 | 1 | – | – | 0.55 | 1 | Unidirectional | ±8 kV/±15 kV | GHz speed I/Os, Antennas | |
| | SZESD7351XV2 | 5 | 3.3 | 0.05 | 3 | 10 | 0.55 | 1 | Unidirectional | ±20 kV/±20 kV | GHz speed I/Os, Antennas | |
| | SZESD8351XV2 | 5.5 | 3.3 | 1 | 3 | 6 | 0.55 | 1 | Unidirectional | ±15 kV/± 15kV | GHz speed I/Os, Antennas | |
| | SZESD7361XV2 | 16.5 | 16 | 1 | – | – | 0.55 | 1 | Unidirectional | ±8 kV/± 15kV | GHz speed I/Os, Antennas | SOD-523 |
| | SZESD7424MU | 26 | 24 | 1 | – | – | 1 | 1 | Bidirectional | ±30 kV/± 30kV | GHz speed I/Os, Antennas | |
| | SZESD7410N2 | 10 | 8 | 1 | – | – | 1 | 1 | Bidirectional | ±30 kV/± 30kV | GHz speed I/Os, Antennas | UDFN-2 |
| | SZESD7551N2 | 6 | 3.3 | 0.05 | 3 | 12 | 0.40 | 1 | Bidirectional | ±20 kV/± 20kV | GHz speed I/Os, Antennas | |
| | SZESD7421N2 | 16.5 | 16 | 0.5 | 1 | – | 0.60 | 1 | Bidirectional | ±12 kV/±15 kV | GHz speed I/Os, Antennas | |
| | SZESD7571N2 | 7 | 5.3 | 0.05 | 3 | 20 | 0.30 | 1 | Bidirectional | ±20 kV/± 20kV | GHz speed I/Os, Antennas | |
| | SZESD8551N2 | 5.5 | 3.3 | 1 | 3 | 9 | 0.30 | 1 | Bidirectional | ±15 kV/±15 kV | GHz speed I/Os, Antennas | |
| | SZESD7462N2 | 16.5 | 16 | 0.1 | 1 | 30 | 0.55 | 1 | Bidirectional | ±18 kV/±18 kV | GHz speed I/Os, Antennas | |
| | SZESD7351P2 | 5 | 3.3 | 0.05 | 3 | 10 | 0.55 | 1 | Unidirectional | ±20 kV/±20 kV | GHz speed I/Os, Antennas | SOD-923 |
| | SZESD7361P2 | 16.5 | 16 | 1 | – | – | 0.55 | 1 | Unidirectional | ±8 kV/±15 kV | GHz speed I/Os, Antennas | |
| | SZESD7371P2 | 7 | 5.3 | 0.05 | 3 | 20 | 0.55 | 1 | Unidirectional | ±20 kV/±20 kV | GHz speed I/Os, Antennas | |
| | SZESD8351P2 | 5.5 | 3.3 | 1 | 3 | 6 | 0.55 | 1 | Unidirectional | ±15 kV/±15 kV | GHz speed I/Os, Antennas | |
| | SZESD9L3.3S | 4.8 | 3.3 | 1 | 1 | 9 | 0.90 | 1 | Bidirectional | ±10 kV/±15 kV | GHz speed I/Os | |
| SZESD9L5.0S | 5.4 | 5 | 1 | 1 | 9.8 | 0.90 | 1 | Bidirectional | ±10 kV/±15 kV | RF Antenna, GHz speed I/Os | | |
| SZESD9B5.0S | 5.8 | 5 | 1 | 1 | 12.5 | 15 | 1 | Bidirectional | ±18 kV/±18 kV | MHz speed I/Os | | |
| SZESD9X5.0S | 6.2 | 5 | 1 | 8.7 | 12.3 | 65 | 1 | Unidirectional | ±30 kV/±30 kV | MHz speed I/Os | | |

* I_{pp} Max rating based on 10 x 1000 μs surge waveform. ** Pending 4Q19.

ESD & EMI FILTERS

| | Device | Network | Number of Channels | L or R Typ (H, Ω) | C Typ (pF) | V _(BR) Typ (V) | V _{RWM} Max (V) | ESD IEC61000 4-2 (Contact/Air) | Filter (f3dB) MHz | Differential Mode | Applications | Package(s) |
|------------------|-------------|-----------|--------------------|-------------------|-------------|---------------------------|--------------------------|--------------------------------|-------------------|----------------------|-------------------------------|------------|
| CMF Differential | EMI8131MU | CMF | 2 | 6 Ω | – | 6.8 | 3.3 | ±15 kV/±15 kV | – | 3 dB > 2.5 GHz | uSD, USB3.0 | XDFN-6 |
| | EMI8132MU | CMF | 4 | 6 Ω | – | 6.8 | 3.3 | ±15 kV/±15 kV | – | 3 dB > 2.5 GHz | uSD, USB3.0 | XDFN-10 |
| | EMI8133MU | CMF | 6 | 6 Ω | – | 6.8 | 3.3 | ±15 kV/±15 kV | – | 3 dB > 2.5 GHz | uSD, USB3.0 | XDFN-16 |
| | EMI8141MUT | CMF | 2 | 6 Ω | – | 6.8 | 3.3 | ±15 kV/±15 kV | – | 3 dB > 5 GHz | uSD, USB3.0 | XDFN-6 |
| | EMI8142MUT | CMF | 4 | 6 Ω | – | 6.8 | 3.3 | ±15 kV/±15 kV | – | 3 dB > 5 GHz | uSD, USB3.0 | XDFN-10 |
| | EMI8143MUT | CMF | 6 | 6 Ω | – | 6.8 | 3.3 | ±15 kV/±15 kV | – | 3 dB > 5 GHz | uSD, USB3.0 | XDFN-16 |
| | SZEMI2121 | CMF | 3 | 8 Ω | 0.8 | 6.8 | 5 | ±12 kV/±12 kV | – | >700 MHz attenuation | USB2.0 | WDFN-8 |
| Single Ended | CM1624 | C-R-L-C | 7 | 28 Ω, 1 nH | 20 | 6.8 | 5 | ±15 kV/±15 kV | 300 | – | uSD | UDFN-16 |
| | EMI7204MU | C-L-C | 4 | 17 nH | 12 | 6.8 | 5 | ±16 kV/±16 kV | 280 | – | LCD | UDFN-8 |
| | EMI7206MU | C-L-C | 6 | 17 nH | 12 | 6.8 | 5 | ±16 kV/±16 kV | 280 | – | LCD | UDFN-12 |
| | EMI7208MU | C-L-C | 8 | 17 nH | 12 | 6.8 | 5 | ±16 kV/±16 kV | 280 | – | LCD | UDFN-16 |
| | EMI9404MU | C-L-C-L-C | 4 | 35 nH | 1.8, 4.7, 6 | 7.3 | 5 | ±14 kV/±16 kV | 343 | – | 800 MHz - 2.7 GHz attenuation | UDFN-8 |
| | EMI9406MU | C-L-C-L-C | 6 | 35 nH | 1.8, 4.7, 6 | 7.3 | 5 | ±14 kV/±16 kV | 343 | – | 800 MHz - 2.7 GHz attenuation | UDFN-12 |
| | EMI9408MU | C-L-C-L-C | 8 | 35 nH | 1.8, 4.7, 6 | 7.3 | 5 | ±14 kV/±16 kV | 343 | – | 800 MHz - 2.7 GHz attenuation | UDFN-16 |
| | NUF4401MN | C-R-C | 4 | 200 Ω | 30 | 7 | 5 | ±15 kV/±15 kV | 125 | – | Audio, Video, General IO | DFN-8 |
| | NUF4402MN | C-R-C | 4 | 100 Ω | 24 | 7 | 5 | ±14 kV/±14 kV | 151 | – | Audio, Video, General IO | DFN-8 |
| | NUF4403MN | C-R-C | 4 | 100 Ω | 34 | 7 | 5 | ±18 kV/±18 kV | 105 | – | Audio, Video, General IO | DFN-8 |
| | NUF6401MN | C-R-C | 6 | 100 Ω | 34 | 7 | 5 | ±15 kV/±15 kV | 110 | – | Audio, Video, General IO | DFN-12 |
| | NZF220DFT1G | C-R-C | 2 | 100 Ω | 22 | 7 | 5 | ±8 kV/±8 kV | 220 | – | Audio, Clock Lines | SC-88A |
| | NZF220TT1 | C-R-C | 1 | 100 Ω | 22 | 7 | 5 | ±8 kV/±8 kV | 220 | – | Audio, Clock Lines | SC-75-3 |

NOTE: Ipp Max rating based on 8/20 μs surge waveform.

SiC DIODES

| Device | Configuration | V _{RRM} (V) | I _{F(ave)} (A) | V _F Max (V) | I _{FSM} (A) | I _R Max (μ A) | Package(s) |
|-------------------|---------------------|-------------------------|----------------------------|---------------------------|-------------------------|----------------------------------|--------------------|
| FFSB20120A-F085 | with Schottky Diode | 1200 | 20 | 1.75 | 135 | 400 | D2PAK-3 / TO-263-2 |
| FFSH20120A-F085 | with Schottky Diode | 1200 | 20 | 1.75 | 135 | 200 | TO-247-2 |
| FFSH40120ADN-F085 | Dual Common Cathode | 1200 | 20 | 1.75 | 135 | 200 | TO-247-3 |
| FFSB10120A-F085 | with Schottky Diode | 1200 | 10 | 1.75 | 90 | 400 | D2PAK-3 / TO-263-2 |
| FFSH10120A-F085 | with Schottky Diode | 1200 | 10 | 1.75 | 90 | 200 | TO-247-2 |
| FFSH20120ADN-F085 | Dual Common Cathode | 1200 | 10 | 1.75 | 96 | 200 | TO-247-3 |
| FFSH5065B-F085 | with Schottky Diode | 650 | 50 | 1.7 | 189 | 160 | TO-247-2LD |
| FFSH4065BDN-F085 | Dual Common Cathode | 650 | 40 | 1.7 | 127 | 160 | TO-247-3LD |
| FFSB3065B-F085 | with Schottky Diode | 650 | 30 | 1.7 | 120 | 120 | D2PAK-3 / TO-263-2 |
| FFSH3065B-F085 | with Schottky Diode | 650 | 30 | 1.7 | 110 | 160 | TO-247-2 |
| FFSP3065B-F085 | with Schottky Diode | 650 | 30 | 1.7 | 120 | 160 | TO-220-2 |
| FFSB2065B-F085 | with Schottky Diode | 650 | 20 | 1.7 | 88 | 160 | D2PAK-3 / TO-263-2 |
| FFSB2065BDN-F085 | with Schottky Diode | 650 | 20 | 1.75 | 45 | 160 | D2PAK-3 / TO-263-2 |
| FFSH2065B-F085 | with Schottky Diode | 650 | 20 | 1.7 | 84 | 160 | TO-247-2LD |
| FFSP2065B-F085 | with Schottky Diode | 650 | 20 | 1.7 | 88 | 160 | TO-220-2 |
| FFSH2065BDN-F085 | Dual Common Cathode | 650 | 20 | 1.7 | 42 | 160 | TO-247-3 |
| FFSB1065B-F085 | with Schottky Diode | 650 | 10 | 1.7 | 49 | 160 | D2PAK-3 / TO-263-2 |
| FFSD1065B-F085 | with Schottky Diode | 650 | 10 | 1.7 | 45 | 160 | DPAK-3 / TO-252-3 |
| FFSH1065B-F085 | with Schottky Diode | 650 | 10 | 1.7 | 42 | 160 | TO-247-2LD |
| FFSP1065B-F085 | with Schottky Diode | 650 | 10 | 1.7 | 45 | 160 | TO-220-2 |

SiC MOSFETs

| Device | Channel Polarity | Configuration | Blocking Voltage V _{DSS} (V) | I _D Max (A) | R _{DS(on)} Typ @ 25°C (m Ω) | Q _g Total (C) | Output Capacitance (C) | T _J Max (°C) | Package(s) |
|-----------------|------------------|---------------|---|---------------------------|--|-----------------------------|------------------------------|----------------------------|-----------------------|
| NVBG040N120SC1 | N-Channel | Single | 1200 | 60 | 40 | 106 | 139 | 175 | D2PAK7 (TO-263-7L HV) |
| NVBG080N120SC1 | N-Channel | Single | 1200 | 30 | 80 | 56 | 79 | 175 | D2PAK7 (TO-263-7L HV) |
| NVBG160N120SC1 | N-Channel | Single | 1200 | 19.5 | 160 | 33.8 | 50.7 | 175 | D2PAK7 (TO-263-7L HV) |
| NVH4L020N120SC1 | N-Channel | Single | 1200 | 102 | 20 | 220 | 258 | 175 | TO-247-4 |
| NVH4L040N120SC1 | N-Channel | Single | 1200 | 58 | 40 | 106 | 137 | 175 | TO-247-4 |
| NVHL040N120SC1 | N-Channel | Single | 1200 | 60 | 40 | 106 | 140 | 175 | TO-247-3LD |
| NVHL080N120SC1A | N-Channel | Single | 1200 | 31 | 80 | 56 | 80 | 175 | TO-247-3LD |
| NVBG020N090SC1 | N-Channel | Single | 900 | 112 | 20 | 200 | 295 | 175 | D2PAK7 (TO-263-7L HV) |
| NVBG020N120SC1 | N-Channel | Single | 1200 | 98 | 20 | 220 | 258 | 175 | D2PAK7 (TO-263-7L HV) |
| NVBG060N090SC1 | N-Channel | Single | 900 | 44 | 60 | 88 | 115 | 175 | D2PAK7 (TO-263-7L HV) |
| NVH4L080N120SC1 | N-Channel | Single | 1200 | 29 | 80 | 56 | 80 | 175 | TO-247-4 |
| NVH4L160N120SC1 | N-Channel | Single | 1200 | 17.3 | 160 | 34 | 49.5 | 175 | TO-247-4 |
| NVHL020N090SC1 | N-Channel | Single | 900 | 118 | 20 | 196 | 296 | 175 | TO-247-3LD |
| NVHL020N120SC1 | N-Channel | Single | 1200 | 103 | 20 | 203 | 260 | 175 | TO-247-3LD |
| NVHL060N090SC1 | N-Channel | Single | 900 | 46 | 60 | 87 | 113 | 175 | TO-247-3LD |
| NVHL160N120SC1 | N-Channel | Single | 1200 | 26 | 160 | 24 | 40 | 175 | TO-247-3LD |

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