

Semtech Is a Leading Analog & Mixed Signal Products Company.
Here is a list of new products (arranged by category)

Cable Drivers

[GS12281](#) - 12G UHD-SDI Re-timing Cable Driver

[GS12081](#) - 12G UHD-SDI Cable Driver

[GS3281](#) - 3G HD-SDI Re-timing Cable Driver

Capacitive Touch Controllers & Proximity Sensing Solutions

[SX8661Z](#) - Low Power, Capacitive Button Touch and Proximity Controller (8 sensors) with LED Drivers and Analog Output

[SX9300](#) - Smart Proximity - Ultra Low Power, Dual Channel SAR Compliant Solution

[SX9306](#) - Ultra Low Power, Smart Proximity Sensor for SAR

[SX9310](#) - Ultra-Low Power Smart Proximity Sensor for SAR

[SX9500](#) - Proximity/Button - Ultra Low Power, Capacitive Four (4) - Channel

Charge Pumps

[SC630A](#) - 1MHz Fixed 3.3V Output Charge Pump Regulator

[SC632A](#) - 1MHz Fixed 5.0V Output Charge Pump Regulator

[SC633](#) - Fixed 5.3V Output Charge Pump Regulator

Clock and Data Recovery (CDR)

[GN2104S](#) - ClearEdge™ CDR for 100G QSFP28 Modules

Equalizers

[GS12241](#) - 12G UHD-SDI Re-timing Adaptive Cable Equalizer

[GS3241](#) - 3G HD-SDI Re-timing Adaptive Cable Equalizer

Half Wave Rectifier (Power Diodes)

[1N4944](#) - Half Wave Rectifier Diode - 400V Axial Leaded Hermetically Sealed (Standard Recovery)

[1N5417](#) - Half Wave Rectifier Diode - 200V Axial Leaded Hermetically Sealed (Fast Recovery)

[1N5552](#) - Half Wave Rectifier Diode - 600V Axial Leaded Hermetically Sealed (Fast Recovery)

[1N5552US](#) - Half Wave Rectifier Diode - 600V Surface Mount Hermetically Sealed (Standard Recovery)

[2T2KF](#) - Half Wave Rectifier Diode - 2000V Axial Leaded (Fast Recovery)

Half Wave, High Voltage Assemblies

[S6HVM20](#), [S6HVM25](#), [S6HVM30](#) - Standard Recovery, High Voltage Rectifier Assembly

Laser Modulator Drivers

[GN1157](#) - 1.0 to 11.3Gb/s Multi-Rate LR Transceiver Chip

[GN1158](#) - 1.0 to 11.3Gb/s Multi-Rate SR Transceiver Chip

[GN1160](#) - 1.0 to 11.3Gb/s Multi-Rate Laser Driver Chip

LED Drivers

[SC445](#) - High Efficiency Integrated Driver for 4-Strings of 150mA LEDs

Limiting Amplifiers

[GN28L95](#) <http://www.semtech.com/optical/limiting-amplifiers/gn28l95/> - Combined 10Gb/s Limiting Post Amplifier & 2.5Gb/s Burst Mode Laser Driver for 10Gb/s PON Applications

Linear Regulators & Controllers

[SC2599](#) - Low Voltage DDR Termination Regulator

[SC4212B](#) - Very Low Input /Very Low Dropout 1 Amp Regulator

[SC4212L](#) - High PSRR, Very Low Input, Very Low Dropout, 1A Linear Regulator

[TS14002](#) - nanoSmart® Ultra-Low-Power Linear Regulator

[TS31023](#) - High Input Voltage Linear Regulator

[TS31223](#) - High Input Voltage Linear Regulator

FemtoSwitch™ Load Switch ICs

Low-Capacitance ESD Protection

MOSFET Drivers

[TS4305](#) - Synchronous FET Controller

Neo-Iso™ Isolated Power and Switch Solutions

[TS13101](#) - Galvanic Isolated Latching 60V Solid State Relay

[TS13102](#) - Neo-Iso™ Solid State Relay with Enhanced Diagnostics

[TS13103](#) - Neo-Iso™ Solid State Relay with Diagnostics and Power Transfer Output (PTO)

[TS13401](#) - Neo-Iso™ Solid State Relay Driver with Sensing and Power Transfer

[TS94033](#) - Current Sense Amplifier

Power Line Communications

[EV8000](#) - Universal PLC Modem SoC

[EV8600](#) - Single-Chip Dual Modem PLC+RF SoC

Resistive Touch Controllers

[SX8674](#) - Haptics Enabled Multitouch 4/5-Wire Resistive Touchscreen Controller with Proximity Sensing

[SX8675](#) - Haptics Enabled Multitouch 4/5-Wire Resistive Touchscreen Controller with Proximity Sensing

[SX8676](#) - Haptics Enabled Multitouch 4/5-Wire Resistive Touchscreen Controller with Proximity Sensing

[SX8677](#) - Haptics Enabled Multitouch 4/5-Wire Resistive Touchscreen Controller with Proximity Sensing

[SX8678](#) - Haptics Enabled Multitouch 4/5-Wire Resistive Touchscreen Controller with Proximity Sensing

RF Transceivers

[SX1208](#) - Low Power Integrated UHF Transceiver

[SX1272](#) - Long Range, Low Power RF Transceiver 860-1000MHz with LoRa® Technology

[SX1273](#) - Long Range, Low Power RF Transceiver 860-1000MHz with LoRa® Technology

[SX1276](#) - 137 MHz to 1020 MHz Low Power Long Range Transceiver

[SX1277](#) - 137 MHz to 1020 MHz Low Power Long Range Transceiver

[SX1278](#) - 137 MHz to 525 MHz Low Power Long Range Transceiver

[SX1279](#) - 137 MHz to 960 MHz Low Power Long Range Transceiver

[SX1236](#) - 137 MHz to 1020 MHz Low Power Bi-Band Transceiver

[SX1238](#) - SX1238 - Fully Integrated Transceiver with +27dBm TX Power

[SX1280](#) - Long range, low power 2.4 GHz Wireless RF Transceiver with ranging capability

[SX1281](#) - Long range, low power 2.4 GHz Wireless RF Transceiver

[SX1301](#) - Base Band Processor for Data Concentrator for Long Range Communication Network

[SX1308](#) - Digital Baseband Chip for Long Range ISM Communication

Security & Surveillance

[GV7700](#) - HD-VLC™ Transmitter for HD Video Surveillance

[GV7704](#) - Quad HD-VLC™ Receiver for HD Video Surveillance

Switching Regulators

UHD-SDI Gearbox

[GS12070](#) - GS12070 UHD-SDI Gearbox

Wireless Charging Transmitters & Receivers

[TS94033](#) - LinkCharge Current Sense Amplifier

[TS61002](#) - LinkCharge Full-bridge FET Driver

[TS51224](#) - LinkCharge Wireless Power Receiver and Battery Charger

[TS51223](#) - LinkCharge Wireless Power Receiver

Zener Diode Voltage Regulators

Distribúcia

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