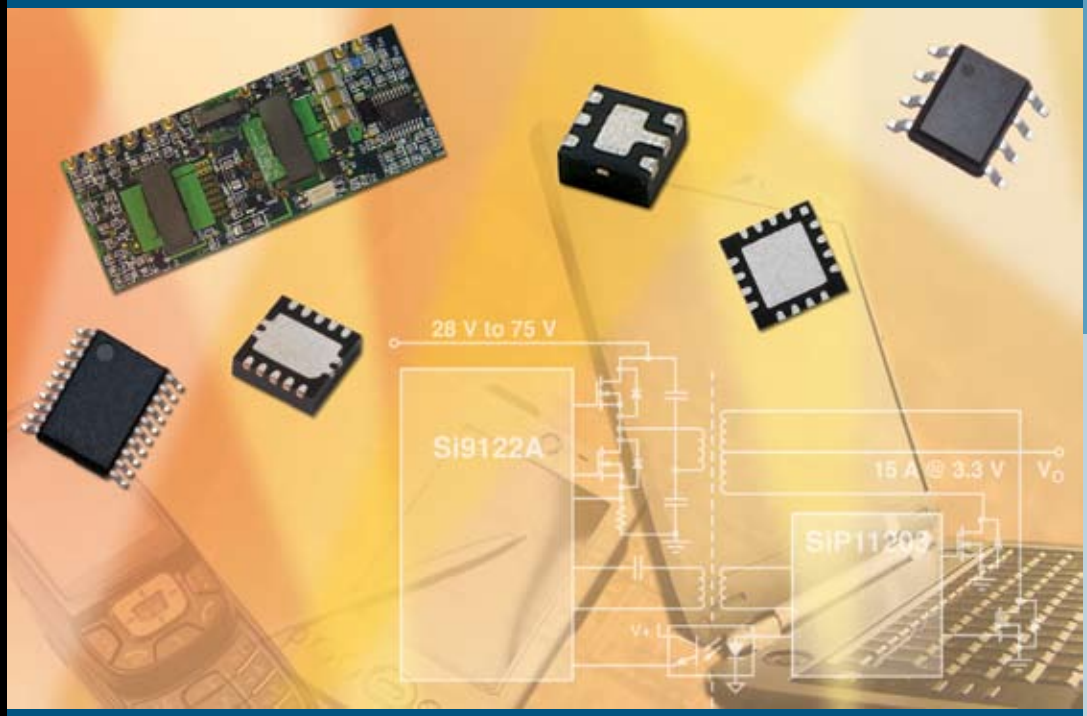
VISHAY INTERTECHNOLOGY, INC.



POWER ICs

Switchmode Regulators
Linear Regulators
Power Management
Drivers
Bus Interface

www.vishay.com

POWER ICs

SELECTOR GUIDE

SEMICONDUCTORS

RECTIFIERS
- Schottky (single, dual)
- Standard, Fast, and Ultra-Fast Recovery (single, dual)
- Bridge
- Superectifier®
- Sinterglass Avalanche Diodes

HIGH-POWER DIODES AND THYRISTORS
- High-Power Fast-Recovery Diodes
- Phase-Control Thyristors
- Fast Thyristors

SMALL-SIGNAL DIODES
- Schottky and Switching (single, dual)
- Tuner/Capacitance (single, dual)
- Bandswitching
- PIN

ZENER AND SUPPRESSOR DIODES
- Zener (single, dual)
- TVS (TRANSZORB®, Automotive, ESD, Arrays)

FETs
- Low-Voltage TrenchFET® Power MOSFETs
- High-Voltage TrenchFET® Power MOSFETs
- High-Voltage Planar MOSFETs
- JFETs

RF TRANSISTORS
- Bipolar Transistors (AF and RF)
- Dual Gate MOSFETs
- MOSMICs®

OPTOELECTRONICS
- IR Emitters and Detectors, and IR Receiver Modules
- Optocouplers and Solid-State Relays
- Optical Sensors
- LEDs and 7-Segment Displays
- Infrared Data Transceiver Modules
- Custom Products

ICs
- Power ICs
- Analog Switches
- RF Transceivers and Receiver Modules
- ICs for Optoelectronics

MODULES AND ASSEMBLIES
- Automotive Modules and Assemblies
- Power Modules (contain power diodes, thyristors, MOSFETs, IGBTs)
- DC/DC Converters

PASSIVE COMPONENTS

RESISTIVE PRODUCTS
- Foil Resistors
- Film Resistors
  - Metal Film Resistors
  - Thin Film Resistors
  - Thick Film Resistors
  - Metal Oxide Film Resistors
  - Carbon Film Resistors
- Wirewound Resistors
- Power Metal Strip® Resistors
- Chip Fuses
- Variable Resistors
  - Cermet Variable Resistors
  - Wirewound Variable Resistors
  - Conductive Plastic Variable Resistors
- Networks/Arrays
- Non-Linear Resistors
  - NTC Thermistors
  - PTC Thermistors
  - Varistors

MAGNETICS
- Inductors
- Transformers

CAPACITORS
- Tantalum Capacitors
  - Molded Chip Tantalum Capacitors
  - Coated Chip Tantalum Capacitors
  - Solid Through-Hole Tantalum Capacitors
  - Wet Tantalum Capacitors
- Ceramic Capacitors
  - Multilayer Chip Capacitors
  - Disc Capacitors
- Film Capacitors
- Power Capacitors
- Heavy-Current Capacitors
- Aluminum Capacitors
- Silicon RF Capacitors

STRAIN GAGE TRANSDUCERS AND STRESS ANALYSIS SYSTEMS
- PhotoStress®
- Strain Gages
- Load Cells
- Force Transducers
- Instruments
- Weighing Systems
- Specialized Strain Gage Systems

Power IC Selector Guide

Vishay Siliconix
2201 Laurelwood Road
P.O. Box 54951
Santa Clara, CA 95056
Phone: +1 408 988 8000
Fax: +1 408 567 8950
www.vishay.com

NOTICE

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All such printed materials are not legally binding unless confirmed in writing pursuant to §§463 and 480 11 of the German Code of Civil Law.

Warning Regarding Life Support Applications

Not all products listed in this catalog are generally recommended for use in life support systems where a failure or malfunction of the component may directly threaten life or cause injury.

The user of products in such applications assumes all risks of such use and will agree to hold Vishay Intertechnology, Inc. and all the companies whose products are represented in this catalog, harmless against all damages.

Product Code Guide

Product Code Level 1	Product Code Level 2	Product Code Level 3	Part Number Example
1 - Switchmode Regulators	1 - Distributed Power (Isolated) controllers and regulators	1 - Regulators	SiP111XX
		2 - Controllers	SiP112XX
	2 - Step-Up and Step-Down Controllers and Regulators	1 - Step-Down Regulator	SiP121XX
		2 - Step-Down Controller	SiP122XX
		3 - Inverting Regulator	SiP123XX
		4 - Step-Up Controller	SiP124XX
		5 - Step-Up Regulator	SiP125XX
		6 - Multi Output Controllers	SiP126XX
		7 - Buck-Boost Regulator	SiP127XX
		8 - Buck-Boost Controller	SiP128XX
2 - Linear Regulators	1 - Low Dropout (LDO) Voltage Regulators	1 - Single LDOs	SiP211XX
		2 - Multi outputs LDOs	SiP212XX
		3 - LDO Controller	SiP213XX
	2 - Voltage Regulators	1 - Voltage Regulators	SiP221XX
	3 - Voltage References	1 - Voltage References	SiP231XX
3 - Power Management	1 - Battery	1 - Battery Switch	SiP311XX
		2 - Battery Protection	SiP312XX
		3 - Battery Charger	SiP313XX
	2 - System	1 - PC Card Interface Switches	SiP321XX
		2 - Current Limiter	SiP322XX
		3 - Microprocessor Supervisory Circuits	SiP323XX
		4 - Load Switch	SiP324XX
4 - Drivers	1 - MOSFET Drivers	1- MOSFET Drivers	SiP411XX
	2 - Motor Driver	1 - Motor Driver	SiP421XX
	3 - Power/Industrial Drivers	1 - Power/Industrial Drivers	SiP431XX
5 - Bus Interface	1 - Transceivers	1 - Transceivers	SiP511XX
	6 - Bus Termination	1 - SCSI	SiP56XX
	7 - Reserved		SiP571XX

Power Solution by Category

Isolated
- Isolated Regulator
- Isolated Controller

Non-Isolated DC/DC Switching
- Buck Regulator and Controller
- Boost Regulator and Controller
- Buck-Boost Regulator and Controller

Linear Regulator
- Single LDO
- Dual LDO
- LDO Controller
- Voltage Regulator

Power Management
- Battery Switch Battery Protection
- Battery Chargers
- PC Card Interface Switches
- Current Limiter
- Load Switch

Drivers
- Half-Bridge MOSFET Driver
- Bootstrapped MOSFET Driver
- In-Rush Current Limit MOSFET Driver
- Motor Drive
- Industrial Driver

Bus Interface
- CAN Bus Transceivers
- ISO Bus Transceivers
- SCSI Bus Transceivers

Power Solution by Application

Portable Consumer
- DC/DC Switching Reg
- LDO Linear Regulator
- MOSFET Drivers
- Battery Switches

Wireless
- DC/DC Switching Reg
- LDO Linear Regulator
- Battery Charging Protection
- Load Switches

Lighting Display
- White LED Driver
- Boost Regulators

Fixed Telecom
- Isolated Regulator
- POL DC/DC Regulator
- Voltage Regulator

Computer
- DC/DC Regulator Controllers
- Linear Voltage Regs
- USB Power-PCMCIA
- MOSFET Drivers

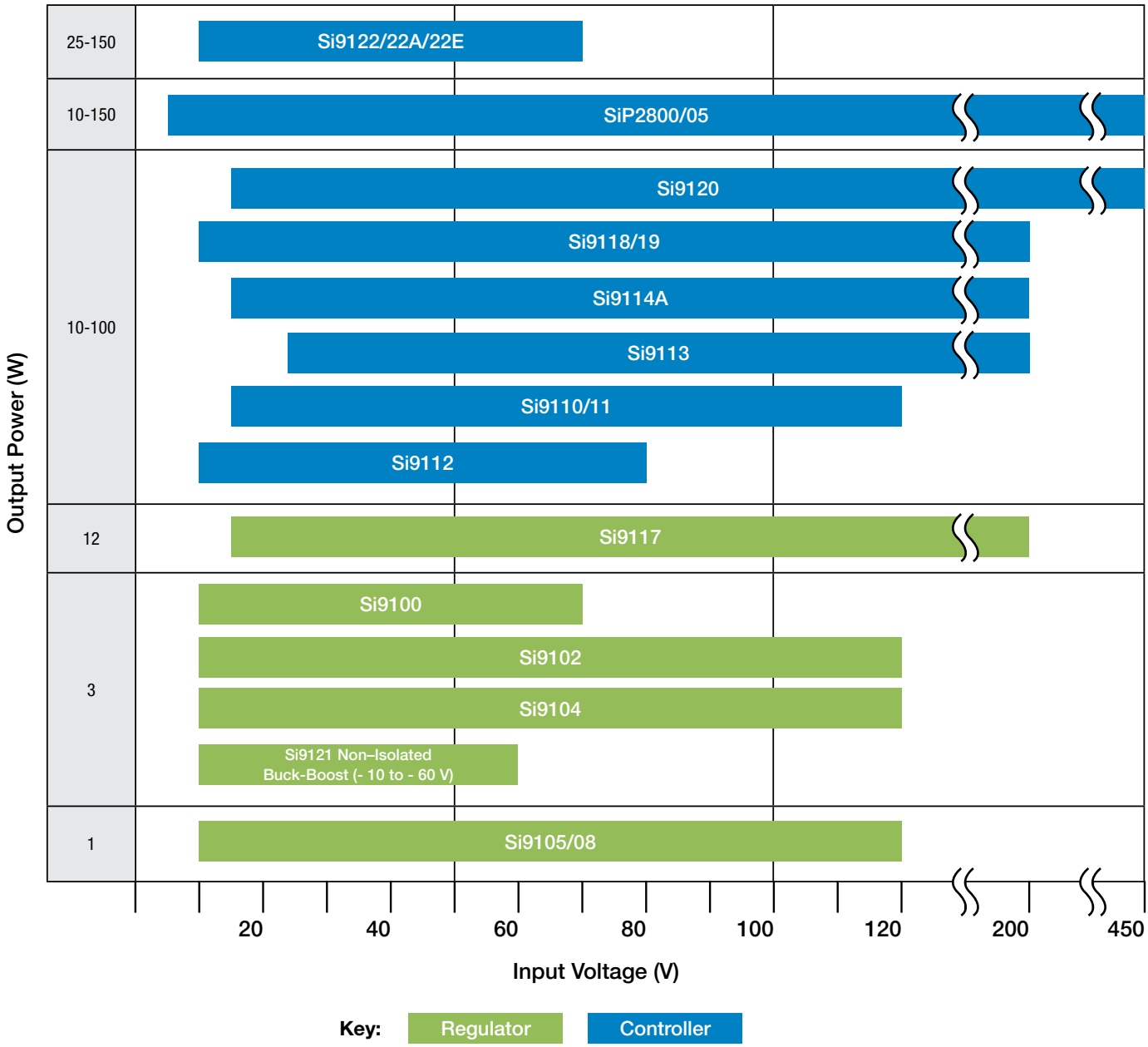
Industrial
- MOSFET Drivers
- Half-Bridge Drivers
- Battery Chargers
- Motor Drivers
- Voltage Regulators

Automotive
- CAN Bus Transceivers
- ISO Bus Transceivers
- MOSFET Drivers
- Motor Drivers

Switchmode Regulators

Isolated PWM Regulators and Controllers

Isolated Controllers and Regulators, Selection Chart



Isolated PWM Regulators

Isolated Power		Input				Output Driver/ MOSFET		Specs and Features									Package
		Start Up		Supply				V_{REF}	f_{OSC}	Start Up	Soft Start	I Limit	UVLO	Shutdown	Reset	Osc Sync	
		V_{IN} (V)		V_{CC} (V)													
Part #	Description	Min	Max	Min	Max	(V)	(Ω)	(V)	(kHz)								
Si9100	3 W High-Voltage Switchmode Regulator	10	120	9.5	13.5	200	7	4.0	1000	X		X	X	X	X		PDIP-14 PLCC-20
Si9104	High-Voltage Switchmode Regulator	10	120	9.5	13.5	200	5	4.0	1000	X		X	X	X	X		SO-16W
Si9105	1 W High-Voltage Switchmode Regulator	10	120	9.5	13.5	200	7	4.0	1000	X		X	X	X	X		PDIP-14 PLCC-20 SO-16W
Si9108	1 W High-Voltage Switchmode Regulator	10	120	9.5	13.5	200	7	4.0	1000	X		X	X	X	X		PDIP-14 PLCC-20 SO-16W
Si9117	High-Frequency Regulator for Telecom Applications	15	200	9.5	16.5	200	1	4.0	500	X	X	X	X	X		X	SO-16
Si9121	High-Voltage, Non-Isolated Buck-Boost Regulator	- 60	- 10	7.5	13.2	70	1.5	1.25	95	X	X	X	X	X			SO-8

Isolated PWM Controllers

Isolated Power		Input				Output Driver/ MOSFET		Specs and Features								Package
		Start Up		Supply				V_{REF}	f_{OSC}	Start Up	Soft Start	I Limit	UVLO	Pwr Good	Secondary Control	
		V_{IN} (V)		V_{CC} (V)												
Part #	Description	Min	Max	Min	Max	(V)	(Ω)	(V)	(kHz)							
Si9112	High-Voltage Switchmode Controller	9	80	9.5	13.5	15	50	4.0	1000	X		X	X			PDIP-14 SO-14
Si9110	High-Voltage Switchmode Controllers	10	120	9.5	13.5	15	50	4.0	1000	X		X	X			PDIP-14 SO-14
Si9111	High-Voltage Switchmode Controllers	10	120	9.5	13.5	15	50	4.0	1000	X		X	X			PDIP-14 SO-14
Si9113	High-Voltage Current Mode PWM Controller for ISDN Power Supplies	23.5	200	10	14	18	50	1.3	500	X	X	X	X	X		PDIP-14 SO-14
Si9114A	High-Frequency Switchmode Controller	15	200	9.5	16.5	18	15	4.0	500	X	X	X	X			PDIP-14 SO-14
Si9118	Programmable Duty Cycle Controller	10	200	10	16.5	18	50	4.0	500	X	X	X	X			SO-16
Si9119	Programmable Duty Cycle Controller	10	200	10	16.5	18	50	4.0	500	X	X	X	X			SO-16
Si9120	Universal Input Switchmode Controller	15	450	9.5	13.5	15	50	4.0	1000	X		X	X			PDIP-16 SO-16
Si9122	Half-Bridge DC/DC Controller with Integrated Secondary Synchronous Rectification Control	12	72	10	13.2			3.3	500	X	X	X	X		X	TSSOP-20 MLP65-20 PowerPAK
Si9122A	500 kHz Half-Bridge DC/DC Controller with Integrated secondary	28	75	10.5	13.2			3.3	500	X		X				TSSOP-20 MLP65-20 PowerPAK

Isolated PWM Controllers (continued)

Isolated Power		Input				Output Driver/ MOSFET		Specs and Features							Package
		Start Up		Supply				V_{REF}	f_{OSC}	Start Up	Soft Start	I Limit	UVLO	Pwr Good	Secondary Control	
		V_{IN} (V)		V_{CC} (V)												
Part #	Description	Min	Max	Min	Max	(V)	(Ω)	(V)	(kHz)							
Si9122E	Half-Bridge DC/DC Controller with Integrated Secondary Synchronous	36	75	10.5	13.2			3.3	500	X		X				TSSOP-20 MLP65-20 PowerPAK
SiP11203	Synchronous Rectifier Driver with Power Up/Down Control, Output OVP, Error Amplifier and Precision Reference	5.5	13	5.5	13	2.3		1.225		X						MLP44-16 PowerPAK
SiP11204	Synchronous Rectifier Driver with Power Up/Down Control, Output OVP, Error Amplifier and Precision Reference	5.5	13	5.5	13	2.3		1.225	X	X						MLP44-16 PowerPAK
SiP11205 SiP11206	Half-Bridge Intermediate Bus Regulator Controller with Primary MOSFET Drivers	36	75	10.5	13.2			3.3	up to 1 MHz	X	X	X	X			MLP44-16 TSSOP-16

Feature Product

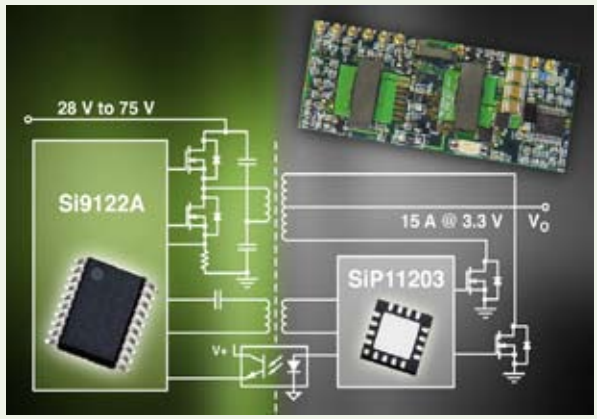
Si9122A Half-Bridge DC/DC Regulator with Integrated Synchronous Rectification Drivers

FEATURES

- Input Voltage Range 28 V to 75 V
- Compatible with ETSI 300 132-2
- Integrated 1-A Half Bridge Primary Drivers
- Secondary Synchronous Rectifier Control Signals With Programmable Deadtime Delay
- High-Voltage Pre-Regulator Operates During Start-Up
- Current Sensing On Low–Side Primary Device
- Frequency Foldback Eliminates Constant Current Tail
- Advanced Maximum Current Control During Start–Up and Shorted Load
- Low Input Voltage Detection
- Programmable Soft-Start Function
- Over Temperature Protection

APPLICATIONS

- Network Cards
- Power Supply Modules
- Medium power isolated power supplies: 20 – 150 W
- Fixed Telecom (Base Stations, PABX)
- Central Office Switching Equipment
- Distributed Power
- Internet Infrastructure



analog ZONE
Product of the Year

SiP2800 Flyback Regulator Family for 8-V to 600-V Input

Part Number	Description	Package	Max. Duty Cycle	Ref Voltage (V)	Turn–On Threshold (V)	Turn–Off Threshold (V)
SiP2800DY	Low-Power Current-Mode Controller	SO-8	100 %	5	7.2	6.9
SIP2800DQ	Low-Power Current-Mode Controller	TSSOP-8				
SiP2801DY	Low-Power Current-Mode Controller	SO-8	50 %	5	9.4	7.4
SiP2801DQ	Low-Power Current-Mode Controller	TSSOP-8				
SiP2802DY	Low-Power Current-Mode Controller	SO-8	100 %	5	12.5	8.3
SiP2802DQ	Low-Power Current-Mode Controller	TSSOP-8				
SiP2803DY	Low-Power Current-Mode Controller	SO-8	100 %	4	4.1	3.6
SiP2803DQ	Low-Power Current-Mode Controller	TSSOP-8				
SiP2804DY	Low-Power Current-Mode Controller	SO-8	50 %	5	12.5	8.3
SiP2804DQ	Low-Power Current-Mode Controller	TSSOP-8				
SiP2805DY	Low-Power Current-Mode Controller	SO-8	50 %	4	4.1	3.9
SiP2805DQ	Low-Power Current-Mode Controller	TSSOP-8				

Feature Product

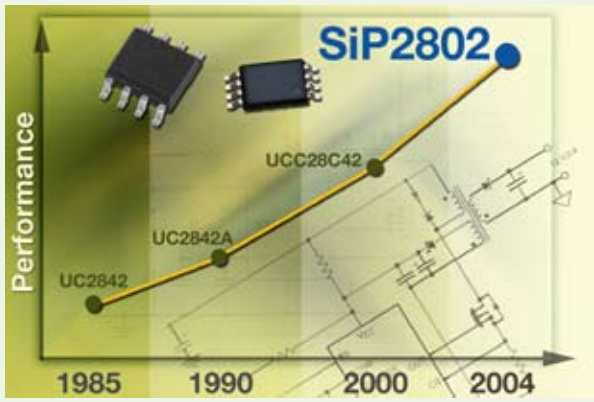
SiP2802 Low Power Consumption Current-Mode Controller

FEATURES

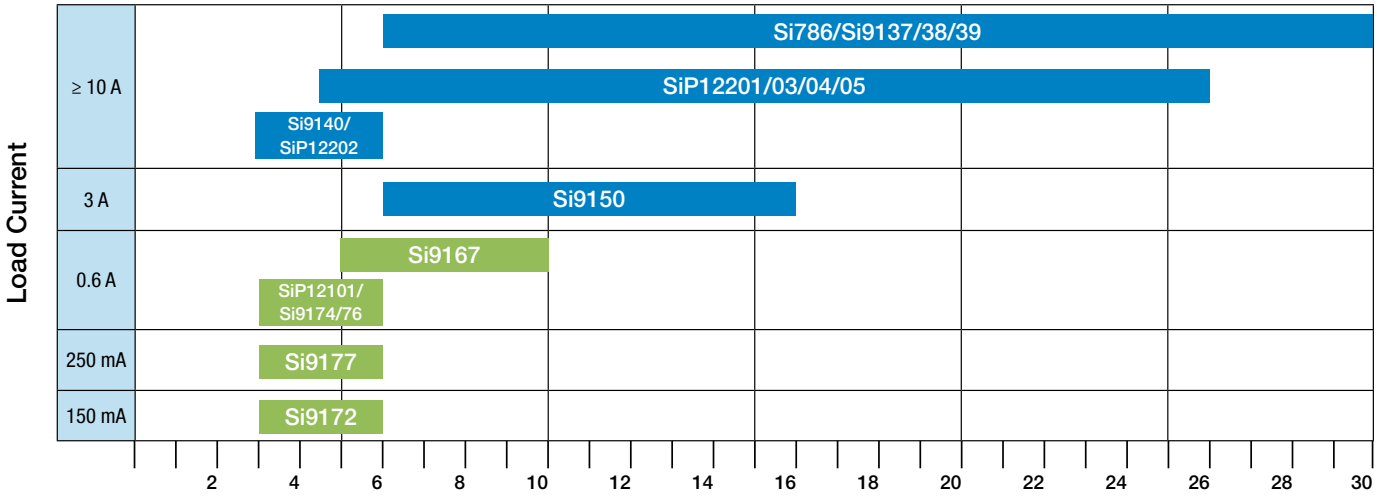
- Pin-for-Pin Compatible with UCC280X Controllers
- Enhanced Performance UC284X for New Designs
- 100-mA Typical Start-Up Current
- 500-mA Typical Operating Current
- Internal Soft Start at Power-On and After Fault
- 100-ns Internal Leading Edge Blanking

APPLICATIONS

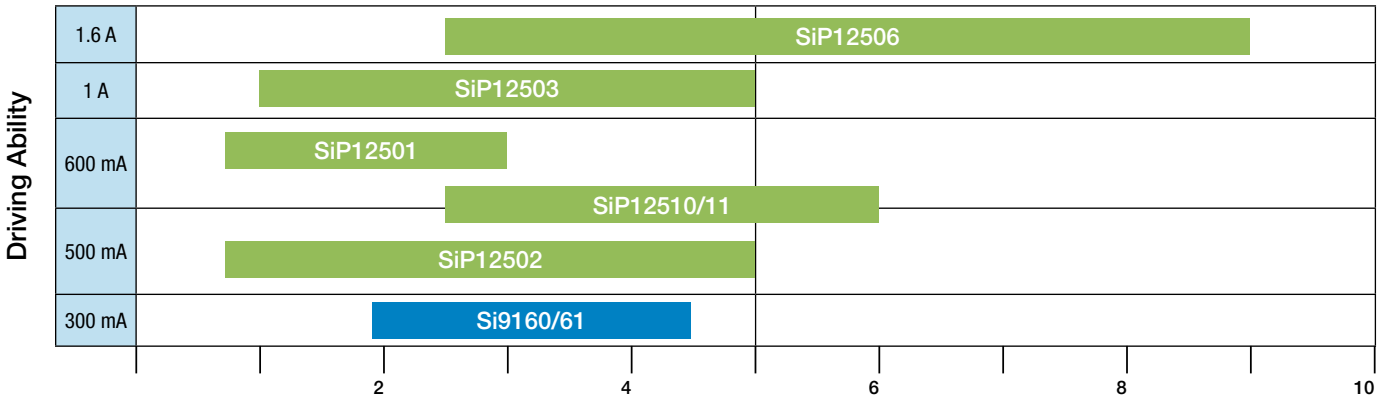
- Efficiency-Enhanced DC/DC Regulator Modules
- Low Quiescent Current Standby Power Supplies
- Offline (AC/DC) Power Supplies
- Universal Input Power Supplies



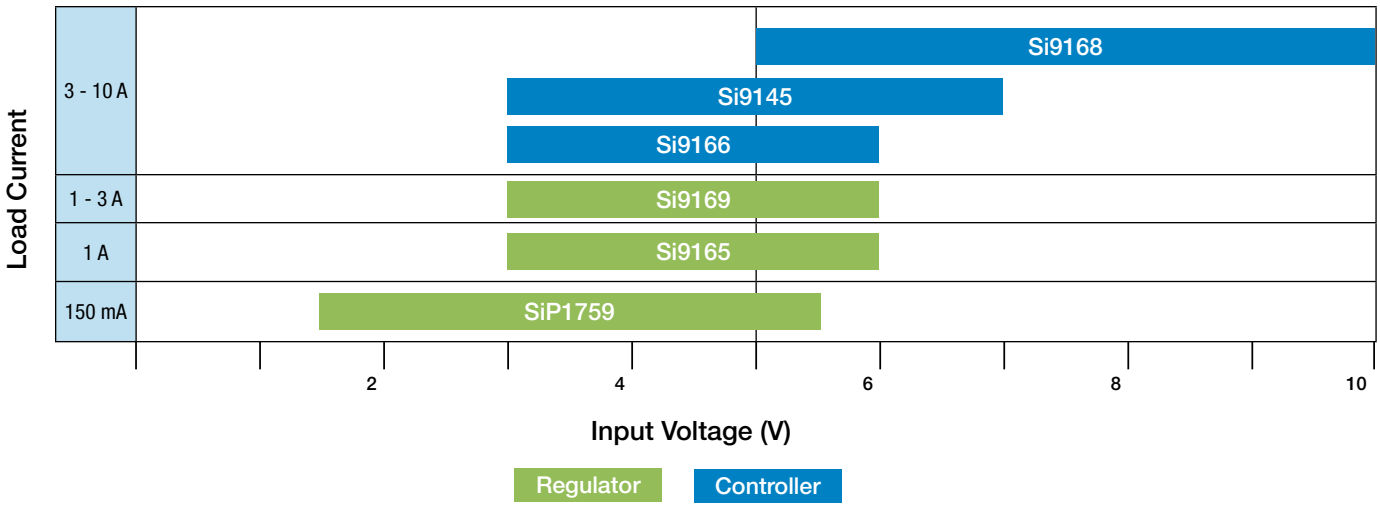
Step-Down (Buck) Controllers and Regulators, Selection Chart



Step-Up (Boost) Controllers and Regulators, Selection Chart



Step-Up/Step-Down (Buck-Boost) Controllers and Regulators, Selection Chart



Buck Regulators

Part Number	Description	Input (IC) V_{IN} (V)		Output		Specs and Features									Package
		Min	Max	V_{OUT} (V)	I_{OUT} (mA)	V_{REF} (V)	f_{OSC} (kHz)	UVLO	Soft Start	Enable/SD	Clock Sync	Bypass	Pwr Good	Over Temp	
Si9172	PSM Buck Regulator with Dynamic Adjustable Output and Bypass Capability	2.7	6	ADJ	170	1.2	2000	X	X	X		X		X	MSOP-10
Si9177	PSM Buck Regulator with Bypass	2.7	6	ADJ	250	1.2	2000	X	X	X		X		X	MSOP-10
Si9167	600-mA Synchronous Buck Regulator for 2-Cell Li + Cellular Phones	5	10	ADJ	600	1.3	2000	X	X	X	X		X	X	TSSOP-20
Si9174	High-Performance Synchronous Step Down Regulator With Dynamically Adjustable Output Voltage for 1-Cell Li +	2.6	6	0.4 to V_{IN}	600	0.4	2000	X		X	X	X		X	MSOP-10 MLP33-10
Si9175	High-Performance Synchronous Step-Down Regulator With Adjustable Output Voltage for 1-Cell Li +	2.6	6	1.3 to V_{IN}	600	1.3	2000	X		X	X	X		X	MSOP-10 MLP33-10
Si9176	High-Performance Synchronous Step-Down Regulator With Adjustable Output Voltage for 1-Cell Li +	2.6	6	1.3 to V_{IN}	600	1.3	2000	X		X	X	X		X	MSOP-10 MLP33-10
SiP12101	High-Performance Step-Down DC/DC Regulator With Adjustable Output Voltage	2.6	6	1.3 to V_{IN}	600	1.3	2000	X				X		X	MSOP-10

Feature Product

Si9174/5/6 600-mA Step-Down Regulator Family

FEATURES

- 2.6-V to 6-V Input Voltage Range: Well Suited for Lithium Ion Battery
- 2-MHz Clock Frequency: for Use of Very Small Inductors (2.2 µH)
- Adjustable Output Voltage: 0.4 V to V_{IN} Using the DAC Pin or With the FB resistors
- Integrated MOSFET Switch: No External Shottky Diode Required
- 100 % Duty Cycle: Very Low Dropout
- PWM, PSM Or Auto Mode: Maximize Efficiency Across the Load Range
- 10 µS of Settling Time
- High Efficiency: Up to 95 %
- Synchronization to a 13 MHz External Clock Available: Allows Low System Noise
- Over Current Protection
- Thermal Shutdown
- Available in Two Different Packages: MSOP10 and MLP33 (Leadless, 3 x 3 mm)

APPLICATIONS

- Single-Cell Lithium Ion Battery Powered Equipment
- Cellular Phone, PDAs
- Digital Cameras
- MP3 Players
- Portable Image Scanners
- LCD Modules

Buck Controllers

Part Number	Description	Input (IC) V_{IN} (V)		Output		Specs and Features									Package
		Min	Max	V_{OUT} (V)	I_{OUT} (mA)	V_{REF} (V)	f_{OSC} (kHz)	UVLO	Soft Start	Enable/SD	Clock Sync	Bypass	Pwr Good	Over Temp	
Si786	Dual-Output Power-Supply Controller	5.5	30	ADJ			300		X	X	X				SSOP-28
Si9137	Multi-Output, Sequence Selectable Power-Supply Controller for Mobile Applications	5.5	30	ADJ			300		X	X					SSOP-28
Si9138	Multi-Output, Individual On/Off Control Power-Supply Controller	5.5	30	ADJ			300		X	X					SSOP-28
Si9139	SMP Controller For High Performance Process Power Supplies	4.5	30		10	3.3	300		X	X	X				SSOP-28
Si9140	SMP Controller For High Performance Process Power Supplies	3	6.5	ADJ	10	1.5	2000	X					X		SO-16 TSSOP-16
Si9150	Synchronous Buck Regulator Controller	6	16.5	3.3 - 5	3	2.5	300	X	X	X	X				SO-14
SiP12201	Synchronous Step-Down Controller	4.2	26	0.6 - 20	10	0.6	500	X	X	X				X	MLP33-10
SiP12202	Synchronous Step-Down Controller	2.7	5.5	0.6 - 5.5	10	0.6	500	X	X					X	MLP33-10
SiP12203	Dual Synchronous Step-Down Controller, With Single Linear Controller	4.2	26	ADJ	10	0.6	500	X	X	X				X	MLP55-28
SiP12204	Dual Synchronous Step-Down Controller, With Single Linear Controller	4.2	26	ADJ	10	0.6	500	X	X	X				X	MLP55-28
SiP12205	10-A Simple Synchronous Buck Controller	5	26	ADJ	10	0.6	300	X	X	X				X	MLP33-10

Feature Product

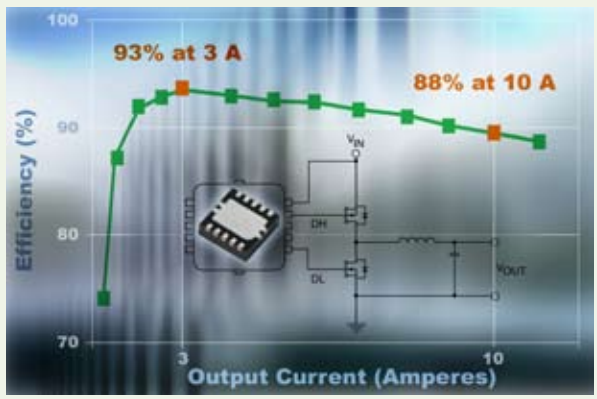
SiP12201 Synchronous Buck Controllers for POL Applications

FEATURES

- Input Voltage Range 4.2 to 26.0 V
- Adjustable Output Voltage - 0.6 to 20 V
- Output Loads Up to 10 A
- High Efficiency - 93 %
- Uses N-Channel MOSFETs
- Switching Frequency: 500-kHz Operation
- Internal Soft Start
- Shutdown Pin
- Output Current Limit
- Minimum External Components
- MLP33-10 Package

APPLICATIONS

- Distributed Power
- Desktop and Notebook Computers
- Battery Operated Equipment
- Point of Load Regulation
- DSP Cores
- Automotive Entertainment



Boost Controllers

Part Number	Description	Input (IC) V_{IN} (V)		Output		Specs and Features									Package
		Min	Max	V_{OUT} (V)	I_{OUT} (mA)	V_{REF} (V)	f_{OSC} (kHz)	UVLO	Soft Start	Enable/SD	Clock Sync	Bypass	Pwr Good	Over Temp	
Si9160	Controller for RF Power Amplifier Boost Regulator	2.7	4.5	ADJ	300	1.5									TSSOP-16
Si9161	Optimized-Efficiency Controller for RF Power	2.7	4.5	ADJ	330	1.5	2000	X		X					TSSOP-16
SiP12401	Boost Controller for Double AA Cell or Li-Ion Battery for White LED Applications	1.8	5			0.3	600	X	X						MLP33-6 PowerPAK

Feature Product

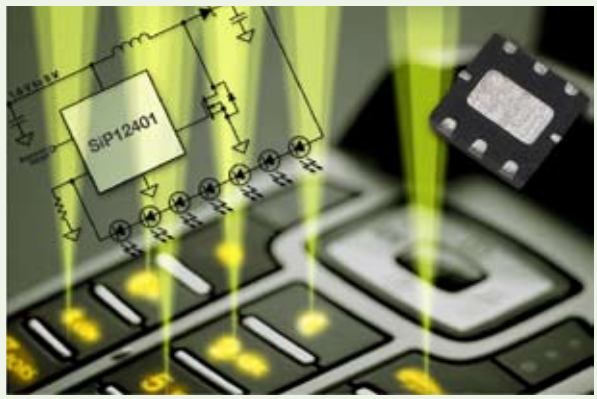
SiP12401 Boost Controller for Double AA Cell or Li-Ion Battery For White LED Applications

FEATURES

- Voltage Mode Control with Internal Frequency
- Compensation
- 1.8 V to 5.0 V Input Voltage Range
- PWM Control with 600-kHz Fixed Switching Frequency
- Analog Control of LED Intensity
- Regulated Output Current
- Integrated UVLO and Soft-Start
- Logic Controlled Shutdown (<1 µA)
- High Efficiency: Typical 80 %
- PowerPAK® MLP33-6 Package

APPLICATIONS

- CCD Bias Supplies
- TFT-LCD Displays
- OLED Driver
- White LED Backlight
- Digital Cameras
- Portable Phones and Game Devices
- PDAs and Palm–Top Computers



Boost Regulators

Part Number	Description	Input (IC) V_{IN} (V)		Output		Specs and Features								Package
		Min	Max	V_{OUT} (V)	I_{OUT} (mA)	V_{REF} (V)	f_{OSC} (kHz)	UVLO	Soft Start	Enable/SD	Clock Sync	Bypass	Pwr Good	Over Temp	
SiP12501	Boost Regulator for White LED Applications	0.65	3.3	ADJ	600	0.3	600	X	X	X	X			X	PowerPAK MLP33-6
SiP12502	500-mA Boost Regulator for Single or Dual Cell	0.85	5	2.0, 3.3, 5.0	500	1.3	300	X	X	X	X			X	PowerPAK MLP33-6
SiP12503	500-mA Adjustable Boost Regulator for Single or Dual Cell	0.85	5	ADJ	1000	1.3	300	X	X		X			X	PowerPAK MLP33-6
SiP12506	1-MHz Boost Regulator with OVP for White LED Applications	2.6	9	to 26 V	1600	0.208	1000	X	X		X			X	PowerPAK MLP33-6
SiP12510	1.25-MHz Boost Regulator White LED Driver with Internal Power Switch	2.5	6	to 19 V	550	0.1	1250	X	X		X			X	TSOT23-6
SiP12511	1.25-MHz Boost Regulator White LED Driver with Internal Power Switch	2.5	6	to 30 V	550	0.1	1250	X	X		X			X	TSOT23-6

Feature Product

SiP12510/12511 1.25-MHz Boost Regulator White LED Driver with Internal Power Switch

FEATURES

- Output Voltage Range up to 30 V for SiP12511 and 18.5 V for SiP12510
- Current-Mode Control with Internal Frequency Compensation
- 2.5-V to 6-V Input Voltage Range
- 1.25-MHz Switching Frequency
- Low Shutdown Current (<1 µA)
- Undervoltage Lockout Protection and Output Over Voltage Protection
- Thermal Shutdown Protection (165 °C)
- 0.55-A Switch Current Limiting
- High Efficiency up to 90 %
- Built-in Soft Start Control
- Minimum External Components, TSOT23-6 Package

APPLICATIONS

- Portable Phones and Game Devices
- PDAs and Palm-Top Computers
- Local Boost Regulator
- CCD Bias Supplies
- Digital Cameras
- TFT-LCD Displays
- DSL Modems and PCMCIA Cards
- White LED Backlight
- OLED Driver

Buck-Boost Regulators

Part Number	Description	Input (IC) V_{IN} (V)		Output		Specs and Features									Package
		Min	Max	V_{OUT} (V)	I_{OUT} (mA)	V_{REF} (V)	f_{OSC} (kHz)	UVLO	Soft Start	Enable/SD	Clock Sync	Bypass	Pwr Good	Over Temp	
Si9165	High-Frequency 600-mA Synchronous Buck/Boost Regulator	2.7	6	ADJ	600	1.3	2000	X	X	X	X			X	TSSOP-20
Si9169	High-Frequency 1-A Synchronous Buck/Boost Regulator	2.7	6	ADJ	1000	1.3	2000	X	X		X			X	TSSOP-20
SiP1759	Buck-Boost Regulator for Handheld Applications	1.6	5.5	2.5 - 5.5	100	1.235	1500	X	X	X	X			X	MSOP-10

Feature Product

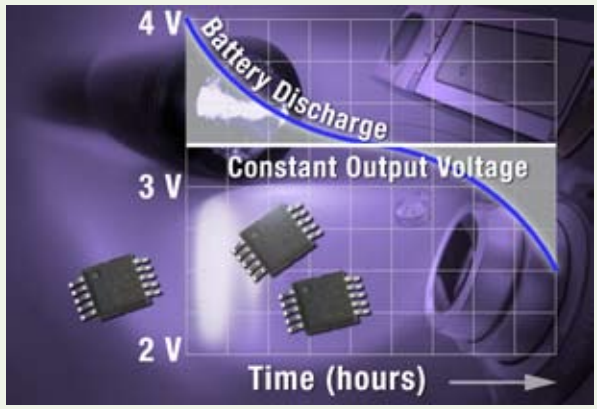
SiP1759 Buck-Boost Regulator for Portable Devices

FEATURES

- Output Voltage—Fixed 3.3 V or Adjustable from 2.5 V to 5.5 V
- Input Voltage Range 1.6 V to 5.5 V
- Output Current 100 mA
- Low Quiescent Current 60 µA
- Low Shutdown Current < 1 µA
- Short Circuit Protection
- Thermal Shutdown
- MSOP-10 Package

APPLICATIONS

- 1-Cell Li Ion Battery Powered Equipment
- 2- to 3-Cell NiMH Battery Powered Equipment
- 2- to 3-Cell Alkaline Battery Powered Equipment
- Backup Battery Boost Regulators



Buck-Boost Controllers

Part Number	Description	Input (IC) V_{IN} (V)		Output		Specs and Features									Package
		Min	Max	V_{OUT} (V)	I_{OUT} (mA)	V_{REF} (V)	f_{OSC} (kHz)	UVLO	Soft Start	Enable/SD	Clock Sync	Bypass	Pwr Good	Over Temp	
Si9145	Low-Voltage Switchmode Controller	2.7	7	ADJ	10	1.5	2000	X	X	X					SO-16 TSSOP-16
Si9166	High-Frequency Programmable Topology Controller	2.7	6	ADJ	4	1.3	2000	X	X		X				TSSOP-16
Si9168	Synchronous Buck or Boost Controller for 2-Cell Li + Battery Operated Portable Communication Devices	5	10	ADJ	6	1.3	2000	X		X	X	X			TSSOP-16

Linear Regulators

Single Low-Dropout Voltage Regulator 150 mA

Part Number	Description	I_{OUT}	Input (IC)		Output			Specifications		Package
			V_{IN} (V)		V_{OUT} (V)			Accuracy (%)	Noise ($\mu V_{(rms)}$)	
			Min	Max	Min	Max	ADJ			
Si9183	High-Performance, Cost Effective 150 mA CMOS LDO Regulator	150 mA	2.0	6.0	1.5	5.0	X	1.5	100	Thin SOT23-5
Si91841	150-mA Low-Noise Thin SOT23 CMOS LDO Regulator with Auto-Discharge	150 mA	2.0	6.0	1.2	5.0		1.5	30	Thin SOT23-5
Si91842	150-mA Thin SOT23 CMOS LDO Regulator with Error Flag and Auto-Discharge	150 mA	2.0	6.0	1.2	5.0		1.5	75	Thin SOT23-5
SiP21101	150-mA Ultra Low-Noise LDO Regulator with Discharge Option	150 mA	2.0	6.0	1.2	5.0			30	SC70-5
SiP21102	150-mA Ultra Low-Noise LDO Regulator with Discharge Option	150 mA	2.0	6.0	1.2	5.0			30	SC70-5
SiP21106	150-mA Low-Noise, Low-Dropout Regulator	150 mA	2.2	5.5	1.3	5.0		1.0	60	TSC75-6L Thin SOT23-5L SC70-5L
SiP21107	150-mA Low-Noise, Low-Dropout Regulator with Error Flag	150 mA	2.2	5.5	1.3	5.0		1.0	60	TSC75-6L TSOT23-5L SC70-5L
SiP21108	150-mA Low-Noise, Low-Dropout Regulator with adjusted output	150 mA	2.2	5.5	1.3	5.0	X	1.0	60	TSC75-6L TSOT23-5L SC70-5L

Feature Product

SiP21106/7/8 150-mA Low-Noise LDO

FEATURES

- TSC75-6L Package (1.6 x 1.6 x 0.6 mm), TSOT23-5L, and SC70-5L Package options
- High Output Voltage Accuracy 1.0 % at 25 °C
- Low Dropout Voltage: 135 mV at 150 mA
- SiP21106 Low Noise: 60 $\mu V_{(rms)}$ with 10 nF in full load range
- Low Ground Current 35 µA (typical) at 1-mA Load
- Output Auto Discharge at Shutdown Mode
- Built-in Short Circuit (330 mA typical) and Thermal Protection
- SiP21108 Adjustable Output Voltage
- SiP21107 POK Error Flag
- 40 °C to + 125 °C Junction Temperature Range for Operation
- Uses Low-ESR Ceramic Capacitors
- Fixed Voltage Output 1.3 V to 5 V with 50-mV Steps

APPLICATIONS

- Cellular Phones, Wireless Handsets
- PDAs, MP3 Players
- Digital Cameras
- Wireless Modems
- Noise-Sensitive Electronic Systems

Single Low-Dropout Voltage Regulator > 250 mA

Part Number	Description	I_{OUT}	Input (IC)		Output			Specifications							Package
			V_{IN} (V)		V_{OUT} (V)										
			Min	Max	Min	Max	ADJ	Accuracy (%)	Noise ($\mu V_{(rms)}$)	Auto Discharge	Shutdown	Error Flag	Error Flag Delay	Rev Batt Protect	
Si9182	Micropower 250-mA CMOS LDO Regulator With Error Flag/Power-On-Reset	250 mA	2.0	6.0	1.5	5.0	X	1.5	100		X	X			MSOP-8
SiP21103	250-mA Ultra Low-Noise LDO Regulator With Discharge Option	250 mA	2.0	6.0	1.2	5.0		2.0	30	X	X			X	MSOP-8
SiP21104	250-mA Ultra Low-Noise LDO Regulator With Discharge Option	250 mA	2.0	6.0	1.2	5.0		2.0	30	X	X	X		X	MSOP-8
Si91821	Micropower 300-mA Low Noise CMOS LDO Regulator With Error Flag/ Power-On-Reset	300 mA	2.35	6.0	1.5	5.0	X	1.5	37		X	X			MSOP-8
Si91822	Micropower 300-mA CMOS LDO Regulator With Error Flag/Power-On-Reset	300 mA	2.0	6.0	1.2	5.0	X	1.5	100		X	X	X		MSOP-8
Si91871	300-mA Low-Noise MLP33-5 PowerPAK CMOS LDO Regulator and Auto-Discharge	300 mA	2.0	6.0	1.2	5.0		1.5	30	X	X			X	MLP33-5 PowerPAK
Si91872	300-mA MLP33-5 PowerPAK CMOS LDO Regulator with Error Flag and Auto-Discharge	300mA	2.0	6.0	1.2	5.0		1.5	75	X	X	X		X	MLP33-5 PowerPAK
Si9181	Micropower 350-mA CMOS LDO Regulator With Error Flag/Power-On-Reset	350 mA	2.0	6.0	1.5	5.0	X	1.5	100		X	X	X		TSSOP-8
Si91860	400-mA Smart Regulator for Network Interface Card, 3 inputs	400 mA				3.3		3.3	300						SO-8
Si91861	400-mA Smart Regulator for Network Interface Card, 2 inputs.	400 mA				3.3		3.3	300						SO-8
Si9185	Micropower 500-mA CMOS LDO Regulator With Error Flag in MLP33-8 PowerPAK	500 mA	2.0	6.0	1.2	5.0	X	1.5	100		X	X	X		MLP33-8 PowerPAK
SiP21111/12/13	1-A LDO with Power Good, Ultra-Fast Transient Response	1 A	2.3	5.5	1.2	5.0	X	1.5							TO-252 (DPAK)
SiP21301	Series Linear Regulator Controller	5 A	4.35	6	0.65	2.5	X	1							MSOP-8

Multioutput Low-Dropout Linear Regulators

Part Number	Description	I_{OUT}	Input (IC)		Output			Power On Reset (POR)	150-mA Driver	Power On Sequencing	Package
			V_{IN} (V)		V_{OUT} (V)						
			Min	Max	Min	Max	ADJ				
SiP2210	Dual-Output 150/300-mA Low-Dropout Regulator	150 mA 300 mA	2.25	5.5	1.5	3.6	X		Yes		MLP33-10 PowerPAK MLP44-16 PowerPAK
SiP2211	Dual-Output 150/300-mA Low-Dropout Regulator	150 mA 300 mA	2.25	5.5	1.5	3.6					MLP33-10 PowerPAK MLP44-16 PowerPAK
SiP2213	Dual-Output Low-Dropout Regulator	150 mA 300 mA	2.25	5.5	1.5	3.6		Yes	Yes	Yes	MLP33-10 PowerPAK MLP44-16 PowerPAK
SiP2214	Dual-Output Low-Dropout Regulator	150 mA 300 mA	2.25	5.5	1.5	3.6		Yes	Yes		MLP33-10 PowerPAK MLP44-16 PowerPAK

Feature Product

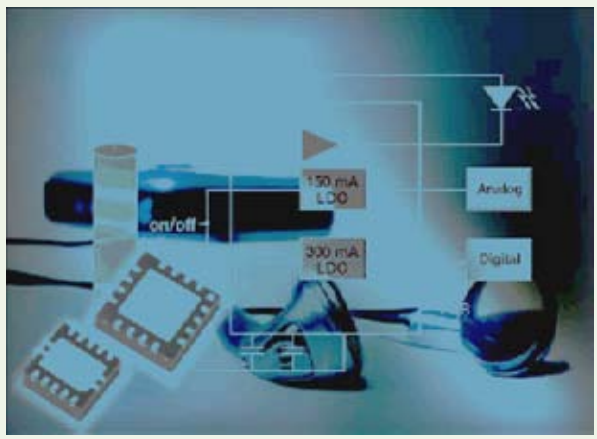
SiP2210 Dual-Output 150/300 mA Low-Dropout Regulator

FEATURES

- Input Voltage Range 2.25 V to 5.5 V
- Two Outputs – 150 mA and 300 mA
- Low Ground Current of 48 µA
- Open Drain Driver Output Sinking 150 mA
- Low Dropout Voltage of 65 mV at 100 mA
- Current Limit
- Thermal Shutdown
- MLP33-10 PowerPAK® Package (Fixed Output)
- MLP44-16 PowerPAK® Package (Adjustable Output)

APPLICATIONS

- Cellular Phones, Wireless Handsets
- PDAs, MP3 Players
- Digital Cameras
- Wireless Modems



Power Management

Battery Power Management

Battery Switch

Part Number	Description	V_{IN} (V)		R_{DS} Max	Features		Package
		Min	Max		Enable	UVLO	
Si9717	Battery Disconnect Switch	6	18	0.060	X	X	SO-16

Battery Protection

Part Number	Description	V_{IN} (V)		Features					Package
		Min	Max	Over Charge	Over Discharge	Short Circuit	Bat Open	UVLO	
Si9730	Dual-Cell Lithium Ion Battery Control IC	4.0	12.0	X	X	X	X	X	SO-8

Battery Charger

Part Number	Description	V_{IN} (V)		R_{DS}			Features						Package
		Min	Max	Q1 Max	Q2 Max	Q5 Max	Int. MOSFETs	PWM Fast Charge	Trickle Charge	Over Voltage	Enable	UVLO	
Si9731	µP–Controlled Battery Charger for 1-Cell Li-ion or 1-Cell to 3-Cell NiCd/NiMH Batteries	3.0	12.0	0.400	10.0	6.0	X	X	X	X	X	X	TSSOP-16

System Power Management

PC Card

Part Number	Description	V_{IN} (V)			R_{DSON}(Ω)				Package
		Min	Max		SW1 Max	SW2 Max	SW3 Max	SW4 Max	
Si9706	PC Card (PCMCIA) Interface Switch	5.0	3.3		0.090	0.070	0.500		SO-8
Si9707	PC Card (PCMCIA) Dual Interface Switch	5.0	3.3		0.090	0.070	0.500		SO-16
Si9711	PC Card (PCMCIA) Interface Switch	5.0	3.3	12.0	0.250	0.350	0.250	0.185	SO-16
Si9712	PC Card (PCMCIA) Interface Switch — 12-V Suspend Capability	5.0	3.3	12.0	0.145	0.180	0.095	0.070	SO-16

Load Switch

Feature Product

SiP4282A Slew Rate Controlled 1.2 A Load Switch

FEATURES

- 1.8 V to 5.5 V Input Voltage Range
- Very Low $R_{DS(ON)}$, Typically 140 mΩ at 5 V and 175 mΩ at 3 V
- Slew Rate Limited Turn-On Time Options
  - SiP4282A-1: 1 ms
  - SiP4282A-3: 100 s
- Fast Shutdown Load Discharge Option
- Low Quiescent Current, Typically 2.5 A
- Low Shutdown Current < 1 ΩA
- TTL/CMOS Input Logic Level
- UVLO of 1.4 V
- SC-75 Package

APPLICATIONS

- Cellular Telephones
- Digital Still Cameras
- PDA and Personal Communication Devices
- Hot Swap Supplies
- Notebook Computers and USB

Part Number	Description	V_{IN} (V)		Slew Rate	Imax	$r_{DS(on)}$ @ 5 Vm	Package
		Min	Max				
SiP4280	Slew Rate Controlled Load Switch	1.8	5.5	1 mS, 100 µs	2.3	80 mΩ	Thin SOT23-6
SiP4280A	Slew Rate Controlled Load Switch	1.5	5.5	1 mS, 100 µs	2.3	80 mΩ	Thin SOT23-6
SiP4282	1-A Slew Rate Controlled Load Switch in PowerPAK SC75-6	1.8	5.5	1 mS, 100 µs	1.2	140 mΩ	SC75-6 PowerPAK
SiP4282A	1-A Slew Rate Controlled Load Switch in PowerPAK SC75-6	1.5	5.5	1 mS, 100 µs	1.4	140 mΩ	SC75-6 PowerPAK
SiP4610A	Protected 1-A High-Side Load Switch	2.4	5.5	1 mS, 100 µs	2	145 mΩ	Thin SOT23-5
SiP4610B	Protected 1-A High-Side Load Switch	2.4	5.5	1 mS, 100 µs	2	145 mΩ	Thin SOT23-5
SiP4612	Protected 1-A High-Side Load Switch	2.4	5.5		2	150 mΩ	TSC75-6 PowerPAK

Feature Product

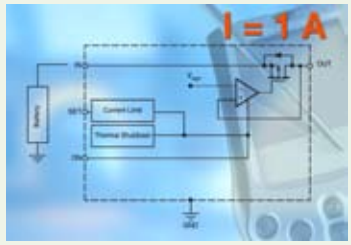
SiP4610A/B Single Smart 1-A High-Side Load Switch with Current Limit

FEATURES

- 1-A Continuous Output Current
- 2.4-V to 5.5-V Supply Voltage Range
- User-Settable Current Limit Level
- Undervoltage Lockout
- Thermal Shutdown Protection
- Compatible with AAT4610A

APPLICATIONS

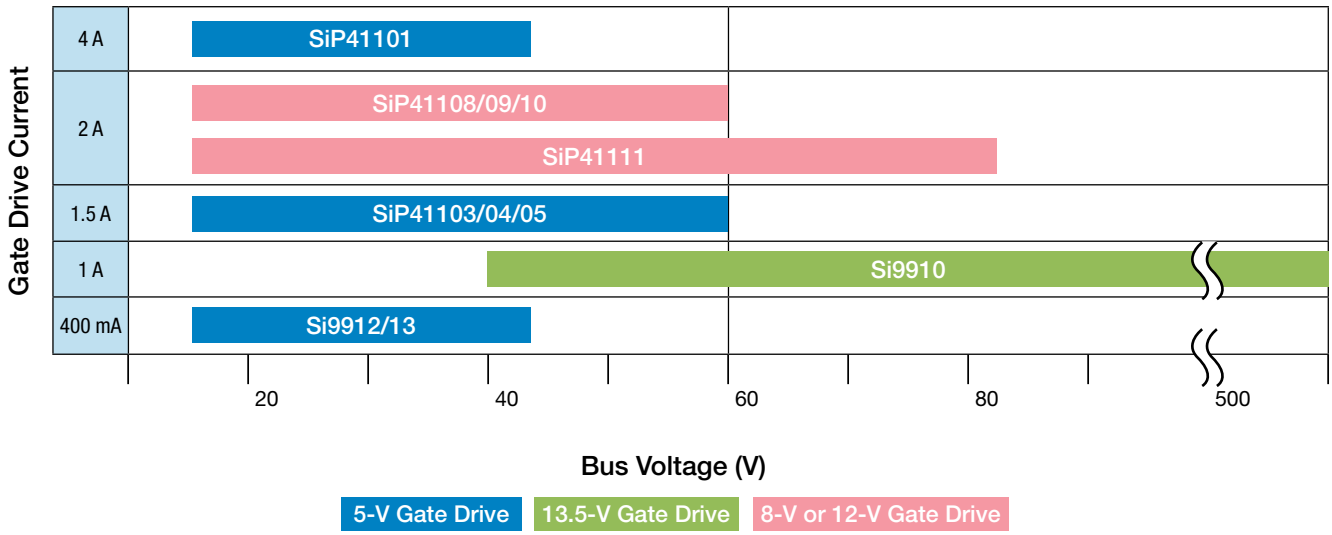
- Peripheral Ports: USB
- Hot Swap
- Notebook Computers
- PDAs, Cell Phones



Drivers

MOSFET Driver

MOSFET Driver Selection Chart



Part Number	Description	V_{IN}		Features						Package
		Min	Max	N Channel	I_{LIMIT}	POR	Reset	HI/LO	Enable	
Si9750	In–Rush Current Limit MOSFET Driver	2.9	13	X	X	X	X	X	X	SO-16

Part Number	Description	V_{CC}		Specifications and Features								Package
				Output		f_{SW} (kHz)	BBM	Isc	UVLO	Enable	Sync Enable	
		Min	Max	V_{MOSFET}	I_{PK} (A)							
SiP41101	Half-Bridge N-Channel MOSFET Driver with Break-Before-Make	4.5	5.5	30	3.0	1000			X	X	X	TSSOP-16
SiP41103	Half-Bridge N-Channel MOSFET Driver for DC/DC Conversion	4.5	5.5	55	1.1	1000			X		X	MLP33-10
SiP41104	Half-Bridge N-Channel MOSFET Driver for DC/DC Conversion	4.5	5.5	55	1.1	1000			X			SO-8
SiP41105	Half-Bridge N-Channel MOSFET Driver for DC/DC Conversion	4.5	5.5	55	1.1	1000			X	X	X	TSSOP-16 PowerPAK
SiP41108	Half-Bridge N-Channel MOSFET Driver with Adjustable High-Side Propagation Delay, Internal Bootstrap Diode and CMOS Logic	10.8	13.2			1000					X	TSOP-16 PowerPAK
SiP41109	Half-Bridge N-Channel MOSFET Driver for DC/DC Conversion	10.8	13.2			1000						SOIC-8
SiP41110	Half-Bridge N-Channel MOSFET Driver for DC/DC Conversion	10.8	13.2			1000			X	X	X	SOIC-8
SiP41111	75-V/2-A Peak, Low-Cost, High-Frequency Half-Bridge Driver	9	14	75	2.0	400			X		X	SOIC-8, SOIC (PowerPAK®)
Si9910	Adaptive Power MOSFET Driver	10.8	16.5		1.0				X			SO-8 PDIP-8
Si9912	Dual MOSFET Bootstrapped Driver with Break-Before-Make	4.5	5.5	30	1.0	1000	X	X	X	X		SO-8
Si9913	Dual MOSFET Bootstrapped Driver with Break-Before-Make	4.5	5.5	30	1.0	1000	X	X	X		X	SO-8

Feature Product

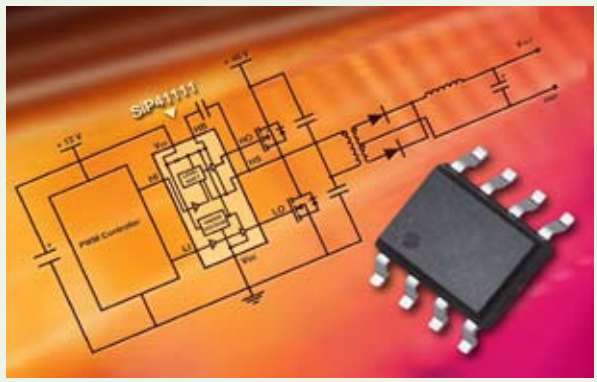
SiP41111 Low-Cost 75-V, 2-A Peak High-Frequency Half-Bridge Driver

FEATURES

- Drives N-Channel MOSFET Half Bridge Topology
- SOIC, SOIC (PowerPAK®) Package Options
- Lead (Pb)-free Product Available (RoHS Compliant)
- Bootstrap Supply Maximum Voltage to 75 VDC
- Built-In Bootstrap Diode
- Fast Propagation Times Meet High Frequency Regulator Circuits
- Drives 1000-pF Load with 15-ns Typical Rise and Fall Times to meet 400-kHz Switching Requirement
- Independent Driver Channel for Two Switch Forward and Active Clamp Forward Topologies
- Low Power Consumption
- Supply Under Voltage Lockout
- 2.0 A Peak Sink and Source Gate Driver Current

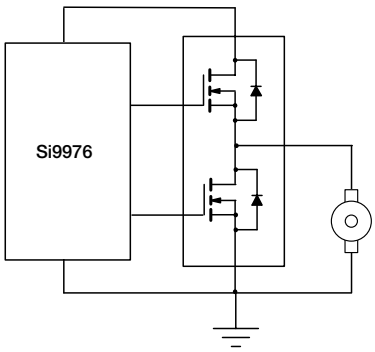
APPLICATIONS

- Half-Bridge Regulator
- Two-Switch Forward Regulators
- Active Clamp Forward Regulators
- Bus Regulators
- Motor Control

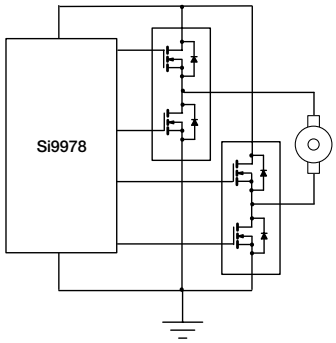


Motor Drive

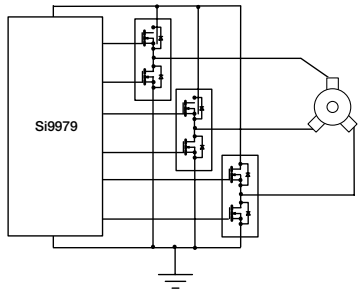
Half-Bridge Motor Drive



H-Bridge Motor Drive



3-Phase Motor Drive



Part Number	Description	V_{IN}		Output		Specs & Features								Package
				Driver/MOSFET										
		Min	Max	Type	(A)	D.C. Max	f_{SW} (kHz)	X-Cond	I Limit	FAULT Out	UVLO	Enable	Brake	
Si9961	12-V Voice Coil Motor Driver	10.2	13.2	D	1.8					X	X	X		SO-24
Si9976	N-Channel Half-Bridge Driver	20	40	D		100		X		X	X	X		SO-14
Si9978	Configurable H-Bridge Driver	20	40	D		100		X	X	X	X	X	X	SO-24W
Si9979	3-Phase Brushless DC Motor Controller	20	40	D		100		X	X	X	X	X	X	SQFP-48
Si9986	Buffered H-Bridge Driver with Integrated MOSFET	3.8	13.2	M	1.0		200	X					X	SO-8
Si9987	Buffered H-Bridge Driver with Integrated MOSFET	3.8	13.2	M	1.0		500	X					X	SO-8
Si9988	Buffered H-Bridge Driver with Integrated MOSFET	3.8	13.2	M	0.65		200	X					X	TSSOP-8
SiP42104	H-Bridge Driver and Pulse width Controller for Digital Camera Micro Modules	2.3	4.2		0.25									SC89-6

Feature Product

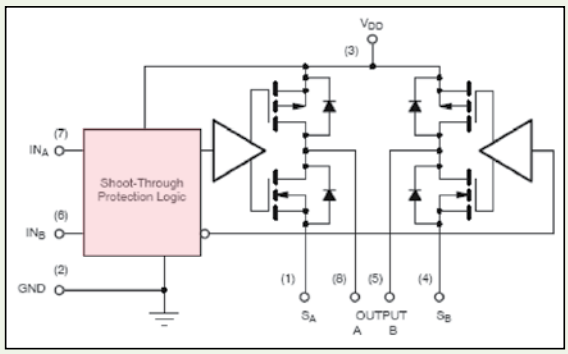
Si9986 Buffered H-Bridge Motor Driver

FEATURES

- 1-A H-Bridge
- 200-kHz Switching Rate
- Shoot-Through Limited
- TTL Compatible Inputs
- 3.8-V to 13.2-V Operating Range
- Surface-Mount Packaging

APPLICATIONS

- VCM Driver
- Brushed Motor Driver
- Stepper Motor Driver
- Power Regulator
- Optical Disk Drives
- Power Supplies
- High-Performance Servo



Industrial Power Switch

Part Number	Description	V_{CC} (V)		Output Drive (mA)	Specs and Features				Package
		Min	Max		f_{SW} (kHz)	Current Limit	UVLO	Thermal Shutdown	
SiP43101	Dual-Output Power Switch with Inverting Input	9	35	200	25	X	X	X	MLP-44 PowerPAK TSSOP-16
SiP43102	Dual-Output Power Switch	9	35	200	25	X	X	X	MLP-44 PowerPAK TSSOP-16

Feature Product

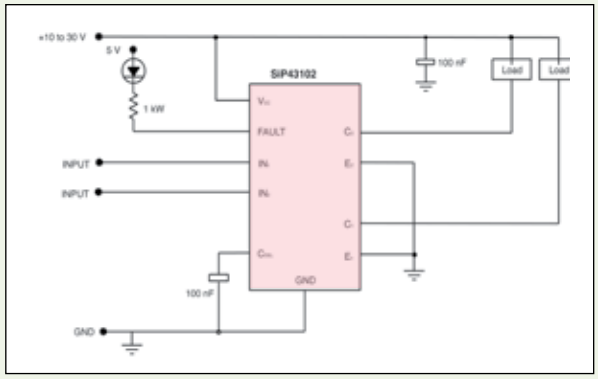
SiP43102 Dual Output Power Switch

FEATURES

- Two Output Power Switches
- Total Output Drive – 200 mA Continuous
- 9-V to 35-V Supply Voltage Range
- Low-Side or High-Side Switch Configuration
- Internal Output Over Voltage Clamp For Driving Inductive Loads
- Current Limit Protection
- Thermal Shutdown Protection
- UVLO With User Programmable Time Delay
- 16-pin TSSOP and PowerPAK or MLP-44 packages

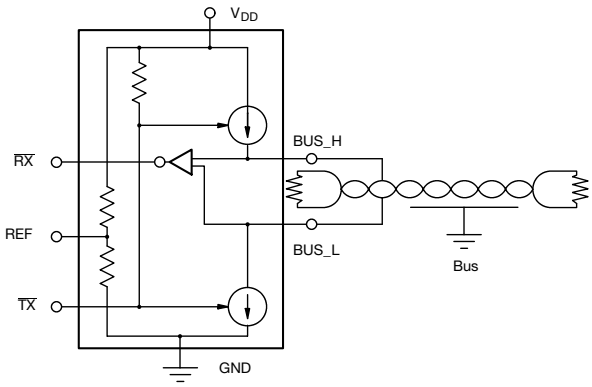
APPLICATIONS

- Optical Detectors for Factory Automation Power Supplies

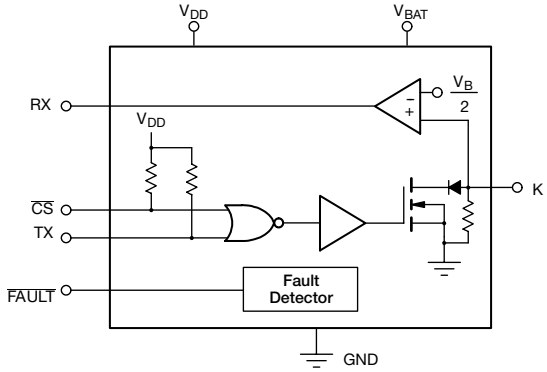


Automotive Bus Interface

CAN Bus Transceiver



ISO-9141 Bus Transceiver



Automotive Transceivers, CAN and ISO-9141

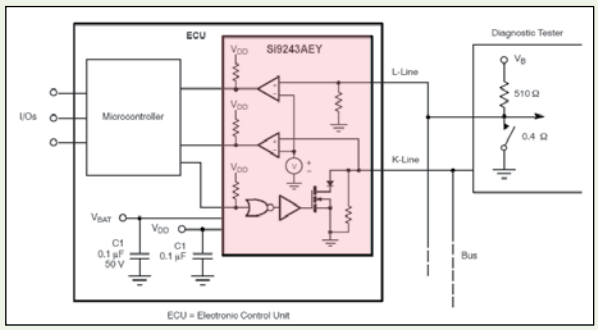
Part Number	Description	V_{DD}		V_{BAT}		Bus							Package
		Min	Max	Min	Max	Compatibility	Type	Over Temp	K Output	L Output	Chip Select	FAULT Out	
Si9200	CAN Bus Driver and Receiver	4.75	5.25			CAN	Differential	X					SO-8
Si9241A	Single-Ended Bus Transceiver	4.5	5.5	6	36	ISO-9141	Single Ended	X	X		X	X	SO-8
Si9243A	Single-Ended Bus Transceiver	4.5	5.5	6	36	ISO-9141	Single Ended	X	X	X			SO-8

Feature Product

Si9243AEY Single-Ended Bus Transceiver

FEATURES

- Operating Power Supply Range 6 V ≤ V_{BAT} ≤ 36 V
- Reverse Battery Protection Down to V_{BAT} - 24 V
- Standby Mode with Very Low Current Consumption
- $I_{BAT(SB)}$ = 1 µA @ V_{DD} = 0.5 V
- Low Quiescent Current in OFF Condition
- I_{BAT} = 120 µA and I_{DD} ≤ 10 µA
- ISO 9141 Compatible
- Overtemperature Shutdown Function for K Output
- Defined K Output OFF for Open GND
- Defined Receive Output Status for Open L or K Inputs
- Defined K Output OFF for TX Input Open
- 2-kV ESD
- Typical Transmit Speed of 200 kbaud



SCSI Terminators

Bus Termination, SCSI

Part Number	Description	Modes Supported	Standards Supported	TERMPWR V_{MIN}–V_{MAX}	Differential Fail-Safe Bias	Internal SPI-3 Delay Filter	Supports Active Negation	Master/Slave	Status Indicator	Lead (Pb)–Free Package
SiP5628	14-Line Multi–mode SCSI terminator	LVD, SE	Up to SPI-4	2.7 - 5.25	Yes		Yes		Yes	SQFP-48
SiP5630	9-Line Multi–mode SCSI terminator	LVD, SE	Up to SPI-4	2.7 - 5.25	Yes		Yes	Yes	Yes	QSOP-36
SiP5638	15-Line Multi–mode SCSI terminator	LVD, SE	Up to SPI-4	2.7 - 5.25	Yes		Yes			SQFP-48
SiP5668	14-Line Multi–mode SCSI terminator	LVD, SE	Up to SPI-4	2.7 - 5.25	Yes	Yes	Yes		Yes	SQFP-48
SiP5670	9-Line Multi–mode SCSI terminator	LVD, SE	Up to SPI-4	2.7 - 5.25	Yes	Yes	Yes	Yes	Yes	QSOP-36
SiP5678	15-Line Multi–mode SCSI terminator	LVD, SE	Up to SPI-4	2.7 - 5.25	Yes	Yes	Yes			SQFP-48
SiP5696	27-Line Programmable SCSI terminator	LVD	Up to SPI-5	2.7 - 5.25	Yes	Yes			Yes	LQFP-80

Feature Product

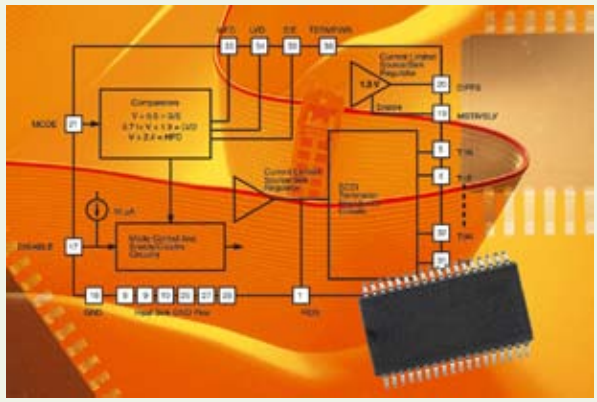
SiP5628/30/38/68/70/78/96 9-27 Line SCSI Bus Terminators

FEATURES

- Auto Selection of S/E or LVD SCSI Termination
- 2.7 V to 5.25 V TERMPWR Range
- Meets SCSI-1, SCSI-2, SPI-2 (ULTRA-2), SPI-3 (ULTRA-160) SPI-4 (ULTRA-320) Standards
- Integrated SPI-3 Mode Change Delay Filter
- Bus Mode Status Pins
- Differential Fail-safe Bias

APPLICATIONS

- SCSI Cable
- Servers and Workstations
- Industrial Computers
- High-End Personal Computers
- Disk Array (RAID)
- Storage Area Networks (SAN)
- Network Attached Storage (NAS)



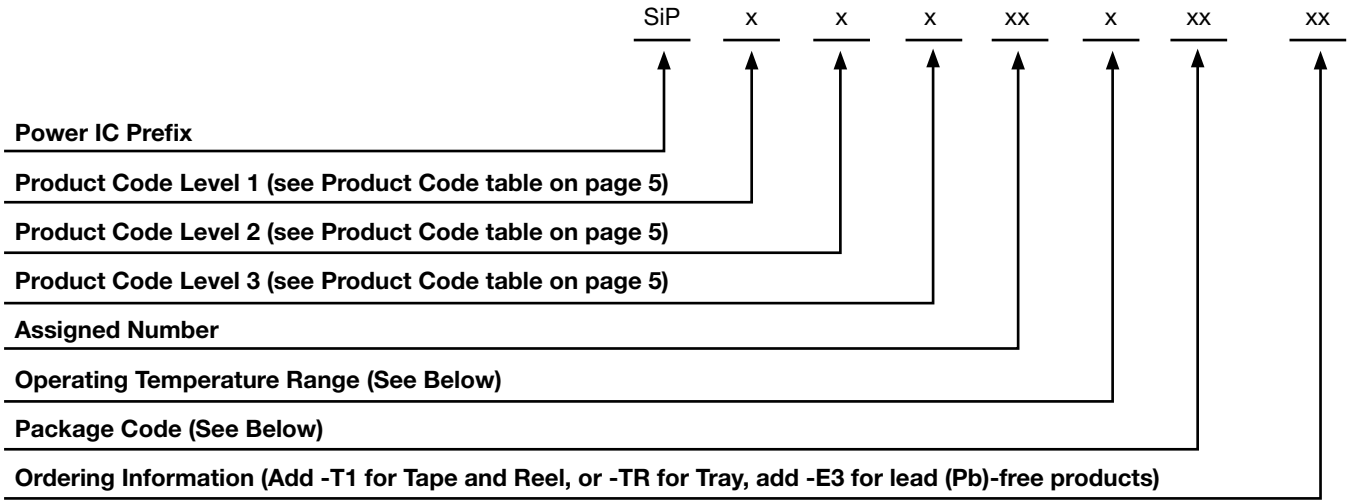
Part Numbering System

Standard Power IC Products

(For products released prior to 2003, designations are Si91xx, Si92xx, Si97xx, and Si99xx)

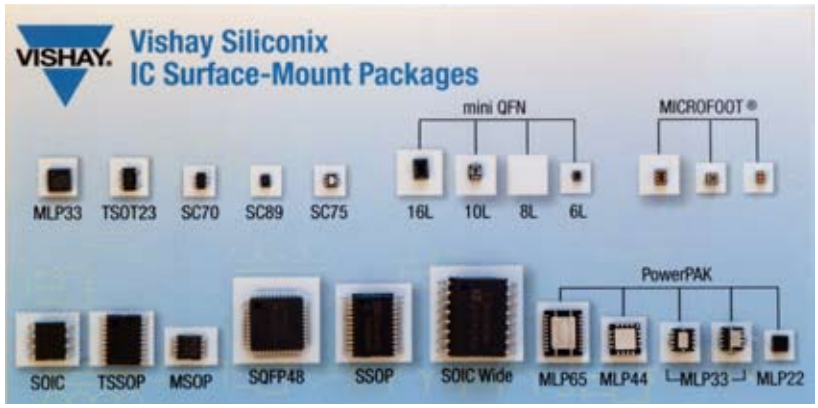
Ordering Number

Five alpha/numeric characters plus operating temperature range and package codes



Operating Temperature Range

B – 25 °C to + 85 °C
C 0 °C to + 70 °C
D – 40 °C to + 85 °C
E – 40 °C to + 125 °C
F 0 °C to + 85 °C
L – 10 °C to + 100 °C



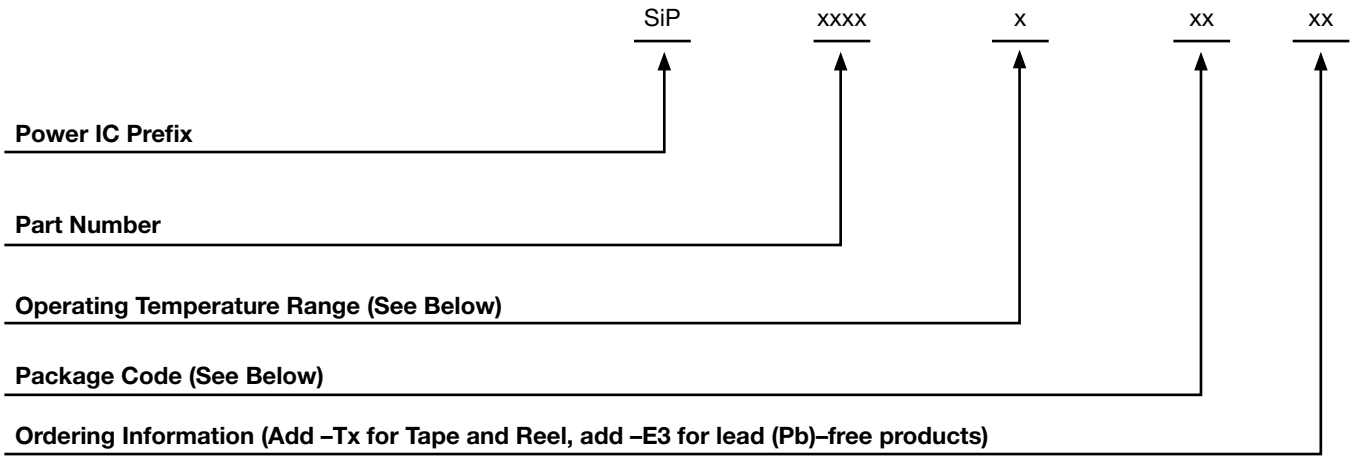
Package Code (1 or 2 characters)

A TO-220
B TO-263
C SOT-223
D TO-252
F TO-220 Isolated
G SSOP, QSOP
H MSOP-8, 10
J PDIP-8, 14, 16
L MLP44, MLP65, MLP22, MLP55
M MLP33-5, 6, 8, 10
N PLCC-20
P PowerPAK® Designation - Use as 2nd character
Q TSSOP-8, 16, 20
R SC-70
S SQFP, LQFP
T TSOT-23, SOT-23,
V TSC75, SC75-6
W SOIC-16, 20, 24 (Wide–Body)
X SC-89
Y SOIC-8, 14, 16, 24
Z TO-92

Second Source and Pin-Compatibie Products Part Numbering System

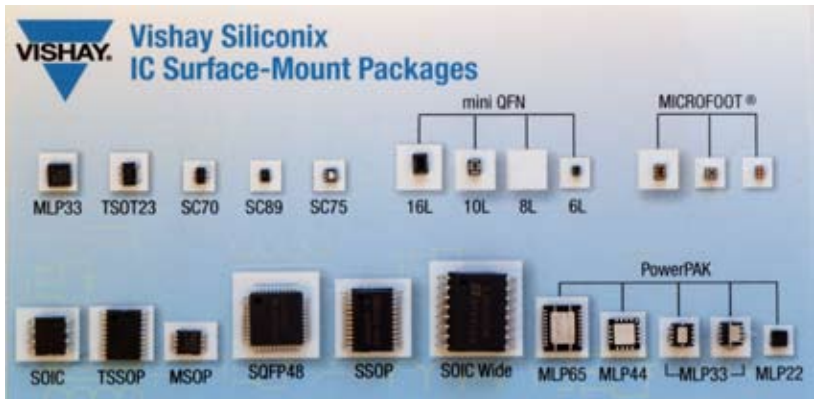
Ordering Number

Three or four alpha/numeric characters based on part being second-sourced



Operating Temperature Range

B – 25 °C to + 85 °C
C 0 °C to + 70 °C
D – 40 °C to + 85 °C
E – 40 °C to + 125 °C
F 0 °C to + 85 °C
L – 10 °C to + 100 °C



Package Code (1 or 2 characters)

A TO-220
B TO-263
C SOT-223
D TO-252
F TO-220 Isolated
G SSOP, QSOP
H MSOP-8, 10
J PDIP-8, 14, 16
L MLP44, MLP65, MLP22, MLP55
M MLP33-5, 6, 8, 10
N PLCC-20
P PowerPAK® Designation - Use as 2nd character
Q TSSOP-8, 16, 20
R SC-70
S SQFP, LQFP
T TSOT-23, SOT-23
V TSC75, SC75-6
W SOIC-16, 20, 24 (Wide-Body)
X SC-89
Y SOIC-8, 14, 16, 24
Z TO-92

Power IC Cross Reference Table

SiP1759	Buck-Boost Regulator	MAX1759
SiP5628	14-line SCSI Termination	DS2127, UCC2628
SiP5630	9-line SCSI Termination	DS2118, UCC5630A
SiP5638	15-line SCSI Termination	DS2125, UCC5638
SiP5668	14-line SCSI Termination	DS2127
SiP5670	9-Line SCSI Termination w/ Delay Filter	UCC5670
SiP5696	27-Line SCSI Termination	UCC5696
SiP2800DY	Current-Mode Controller	UCC2800D
SiP2800DQ	Current-Mode Controller	UCC2800PW
SiP2801DY	Current-Mode Controller	UCC2801D
SiP2801DQ	Current-Mode Controller	UCC2801PW
SiP2802DY	Current-Mode Controller	UCC2802D
SiP2802DQ	Current-Mode Controller	UCC2802PW
SiP2803DY	Current-Mode Controller	UCC2803D
SiP2803DQ	Current-Mode Controller	UCC2803PW
SiP2804DY	Current-Mode Controller	UCC2804D
SiP2804DQ	Current-Mode Controller	UCC2804PW
SiP2805DY	Current-Mode Controller	UCC2805D
SiP2805DQ	Current-Mode Controller	UCC2805PW
SiP2800DY	Current-Mode Controller	UCC3800D
SiP2800DQ	Current-Mode Controller	UCC3800PW
SiP2801DY	Current-Mode Controller	UCC3801D
SiP2801DQ	Current-Mode Controller	UCC3801PW
SiP2802DY	Current-Mode Controller	UCC3802D
SiP2802DQ	Current-Mode Controller	UCC3802PW
SiP2803DY	Current-Mode Controller	UCC3803D
SiP2803DQ	Current-Mode Controller	UCC3803PW
SiP2804DY	Current-Mode Controller	UCC3804D
SiP2804DQ	Current-Mode Controller	UCC3804PW
SiP2805DY	Current-Mode Controller	UCC3805D
SiP2805DQ	Current-Mode Controller	UCC3805PW
SiP21301	Series Linear Regulator Controller	BD3520/BD3521, NCP3520/NCP3521

LDO Cross Reference Table

150 mA					
Siliconix P/N	**Cross P/N**	**Siliconix P/N**	**Cross P/N**	**Siliconix P/N**	**Cross P/N**
SiP21106DT-18-E3	AAT3201IGV-1.8-T1	SiP21106DT-26-E3	AAT3221IGV-2.6-T1	SiP21107DT-26-E3	FAN2503S26X
SiP21106DT-25-E3	AAT3201IGV-2.5-T1	SiP21106DT-28-E3	AAT3221IGV-2.8-T1	SiP21107DT-28-E3	FAN2503S28X
SiP21106DT-28-E3	AAT3201IGV-2.8-T1	SiP21106DT-285-E3	AAT3221IGV-2.85-T1	SiP21107DT-285-E3	FAN2503S285X
SiP21106DT-285-E3	AAT3201IGV-2.85-T1	Si91841DT-29-T1-E3	AAT3221IGV-2.9-T1	SiP21107DT-30-E3	FAN2503S30X
SiP21106DT-30-E3	AAT3201IGV-3.0-T1	SiP21106DT-30-E3	AAT3221IGV-3.0-T1	SiP21107DT-33-E3	FAN2503S33X
SiP21106DT-33-E3	AAT3201IGV-3.3-T1	SiP21106DT-33-E3	AAT3221IGV-3.3-T1	SiP21108DT-T1-E3	FAN2512SX
SiP21106DT-25-E3	AAT3215IGV-2.5-T1	SiP21106DT-18-E3	AME8833AEEV180Y	SiP21106DT-25-E3	FAN2512S25X
SiP21106DT-26-E3	AAT3215IGV-2.6-T1	SiP21106DT-25-E3	AME8833AEEV250Y	SiP21106DT-26-E3	FAN2512S26X
SiP21106DT-28-E3	AAT3215IGV-2.8-T1	SiP21106DT-28-E3	AME8833AEEV280Y	SiP21106DT-28-E3	FAN2512S28X
SiP21106DT-285-E3	AAT3215IGV-2.85-T1	SiP21106DT-28-E3	AME8833AEEV285Y	SiP21106DT-285-E3	FAN2512S285X
Si91841DT-29-T1-E3	AAT3215IGV-2.9-T1	SiP21106DT-30-E3	AME8833AEEV300Y	SiP21106DT-30-E3	FAN2512S30X
SiP21106DT-30-E3	AAT3215IGV-3.0-T1	SiP21106DT-33-E3	AME8833AEEV330Y	SiP21106DT-33-E3	FAN2512S33X
SiP21106DT-33-E3	AAT3215IGV-3.3-T1	SiP21101DR-18-E3	AME8833AEIV180Z	SiP21107DT-25-E3	FAN2513S25X
Si91842DT-12-T1-E3	AAT3216IGV-1.2-T1	SiP21101DR-25-E3	AME8833AEIV250Z	SiP21107DT-26-E3	FAN2513S26X
SiP21107DT-18-E3	AAT3216IGV-1.8-T1	SiP21101DR-28-E3	AME8833AEIV280Z	SiP21107DT-28-E3-E3	FAN2513S28X
SiP21107DT-25-E3	AAT3216IGV-2.5-T1	SiP21101DR-285-E3	AME8833AEIV285Z	SiP21107DT-28-E3	FAN2513S28X
SiP21107DT-28-E3	AAT3216IGV-2.8-T1	SiP21101DR-30-E3	AME8833AEIV300Z	SiP21107DT-285-E3	FAN2513S285X
SiP21107DT-285-E3	AAT3216IGV-2.85-T1	SiP21101DR-33-E3	AME8833AEIV330Z	SiP21107DT-30-E3	FAN2513S30X
SiP21107DT-30-E3	AAT3216IGV-3.0-T1	SiP21106DR-18-E3	AME8833AEIV180Z	SiP21107DT-33-E3	FAN2513S33X
SiP21107DT-33-E3	AAT3216IGV-3.3-T1	SiP21106DR-25-E3	AME8833AEIV250Z	SiP21106DT-25-E3	IMP2185-2.5JUK/T
SiP21106DT-18-E3	AAT3218IGV-1.8-T1	SiP21106DR-28-E3	AME8833AEIV280Z	SiP21106DT-285-E3	IMP2185-2.85JUK/T
SiP21106DT-25-E3	AAT3218IGV-2.5-T1	SiP21106DR-285-E3	AME8833AEIV285Z	SiP21106DT-30-E3	IMP2185-3.0JUK/T
SiP21106DT-26-E3	AAT3218IGV-2.6-T1	SiP21106DR-30-E3	AME8833AEIV300Z	SiP21106DT-33-E3	IMP2185-3.3JUK/T
SiP21106DT-28-E3	AAT3218IGV-2.8-T1	SiP21106DR-33-E3	AME8833AEIV330Z	SiP21107DT-25-E3	IMP2186-2.5JUK/T
SiP21106DT-285-E3	AAT3218IGV-2.85-T1	SiP21108DT-T1-E3	AME8834AEEVADJY	SiP21107DT-285-E3	IMP2186-2.85JUK/T
Si91841DT-29-T1-E3	AAT3218IGV-2.9-T1	SiP21106DT-25-E3	BH25FB1WG	SiP21107DT-30-E3	IMP2186-3.0JUK/T
SiP21106DT-30-E3	AAT3218IGV-3.0-T1	SiP21106DT-28-E3	BH28FB1WG	SiP21107DT-33-E3	IMP2186-3.3JUK/T
SiP21106DT-33-E3	AAT3218IGV-3.3-T1	Si91841DT-29-T1-E3	BH29FB1WG	SiP21108DT-T1-E3	IMP2187JUK/T
SiP21106DT-18-E3	AAT3221IGV-1.8-T1	SiP21106DT-30-E3	BH30FB1WG	SiP21106DT-18-E3	LP3984IMFX-1.8
SiP21106DT-25-E3	AAT3221IGV-2.5-T1	SiP21106DT-33-E3	BH33FB1WG	SiP21106DT-25-E3	LP3985IM5-2.5
SiP21106DT-33-E3	FAN2502S33X	SiP21108DT-T1-E3	FAN2502SX	SiP21106DT-26-E3	LP3985IM5-2.6
SiP21107DT-25-E3	FAN2503S25X	SiP21106DT-25-E3	FAN2502S25X	SiP21106DT-28-E3	LP3985IM5-2.8
SiP21106DT-30-E3	FAN2502S30X	SiP21106DT-26-E3	FAN2502S26X	SiP21106DT-25-E3	MIC5245-2.5BM5
SiP21106DT-285-E3	FAN2502S285X	SiP21106DT-28-E3	FAN2502S28X	SiP21107DT-30-E3	MIC5256-3.0YM5
SiP21106DT-285-E3	LP3985IM5-2.85	SiP21106DT-28-E3	MIC5245-2.8BM5	Si91842DT-29-T1	MIC5256-2.9BM5
Si91841DT-29-T1-E3	LP3985IM5-2.9	SiP21106DT-285-E3	MIC5245-2.85BM5	Si91842DT-29-T1-E3	MIC5256-2.9YM5
SiP21106DT-30-E3	LP3985IM5-3.0	SiP21106DT-30-E3	MIC5245-3.0BM5	SiP21107DT-30-E3	MIC5256-3.0BM5
SiP21106DT-33-E3	LP3985IM5-3.3	SiP21106DT-33-E3	MIC5245-3.3BM5	SiP21107DT-30-E3	MIC5256-3.0YM5
Si91841DT-50-T1-E3	LP3985IM5-5.0	SiP21106DT-18-E3	MIC5247-1.8BM5	SiP21107DT-33-E3	MIC5256-3.3BM5
SiP21107DT-25-E3	LP3988IMF-2.5	SiP21106DT-18-E3	MIC5247-1.8YM5	SiP21107DT-33-E3	MIC5256-3.3YM5
SiP21107DT-26-E3	LP3988IMF-2.6	Si91842DT-12-T1	MIC5248-1.2BM5	SiP21106DT-18-E3	MIC5265-1.8YD5

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Siliconix P/N	**Cross P/N**	**Siliconix P/N**	**Cross P/N**	**Siliconix P/N**	**Cross P/N**
SiP21107DT-285-E3	LP3988IMF-28.5	Si91842DT-12-T1-E3	MIC5248-1.2YM5	SiP21106DT-25-E3	MIC5265-2.5YD5
SiP21107DT-30-E3	LP3988IMF-3.0	SiP21106DT-18-E3	MIC5252-1.8BM5	SiP21106DT-26-E3	MIC5265-2.6YD5
SiP21107DT-33-E3	LP3988IMF-3.3	SiP21106DT-18-E3	MIC5252-1.8YM5	SiP21106DT-28-E3	MIC5265-2.8YD5
SiP21106DT-18-E3	LP3990M5-1.8	SiP21106DT-25-E3	MIC5252-2.5BM5	Si91841DT-29-T1-E3	MIC5265-2.9YD5
SiP21106DT-25-E3	LP3990M5-2.5	SiP21106DT-25-E3	MIC5252-2.5YM5	SiP21106DT-30-E3	MIC5265-3.0YD5
SiP21106DT-28-E3	LP3990M5-2.8	SiP21106DT-28-E3	MIC5252-2.8BM5	SiP21106DT-33-E3	MIC5265-3.3YD5
SiP21106DT-33-E3	LP3990M5-3.3	SiP21106DT-28-E3	MIC5252-2.8YM5	SiP21106DT-18-E3	MIC5305-1.8BD5
SiP21101DR-18-E3	MAX8510EXK18-T	SiP21106DT-285-E3	MIC5252-2.85BM5	SiP21106DT-25-E3	MIC5305-2.5BD5
SiP21106DR-18-E3	MAX8510EXK18-T	SiP21106DT-285-E3	MIC5252-2.85YM5	SiP21106DT-28-E3	MIC5305-2.8BD5
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SiP21106DR-25-E3	MAX8510EXK25-T	SiP21106DT-30-E3	MIC5252-3.0YM5	SiP21106DT-285-E3	MIC5305-2.85BD5
SiP21101DR-28-E3	MAX8510EXK28-T	SiP21101DR-18-E3	MIC5253-1.8YC5	SiP21106DT-285-E3	MIC5305-2.85YD5
SiP21106DR-28-E3	MAX8510EXK28-T	SiP21106DR-18-E3	MIC5253-1.8YC5	Si91841DT-29-T1	MIC5305-2.9BD5
SiP21101DR-30-E3	MAX8510EXK30-T	SiP21101DR-25-E3	MIC5253-2.5YC5	Si91841DT-29-T1-E3	MIC5305-2.9YD5
SiP21106DR-30-E3	MAX8510EXK30-T	SiP21106DR-25-E3	MIC5253-2.5YC5	SiP21106DT-30-E3	MIC5305-3.0BD5
SiP21101DR-33-E3	MAX8510EXK33-T	SiP21101DR-26-E3	MIC5253-2.6YC5	SiP21106DT-28-E3	MIC5306-2.8YD5
SiP21106DR-33-E3	MAX8510EXK33-T	SiP21106DR-26-E3	MIC5253-2.6YC5	SiP21106DT-18-E3	NCP500SN18T1
SiP21101DR-18-E3	MAX8511EXK18-T	SiP21101DR-28-E3	MIC5253-2.8YC5	SiP21106DT-18-E3	NCP500SN18T1G
SiP21106DR-18-E3	MAX8511EXK18-T	SiP21106DR-28-E3	MIC5253-2.8YC5	SiP21106DT-25-E3	NCP500SN25T1
SiP21101DR-25-E3	MAX8511EXK25-T	SiP21101DR-30-E3	MIC5253-3.0YC5	SiP21106DT-25-E3	NCP500SN25T1G
SiP21106DR-25-E3	MAX8511EXK25-T	SiP21106DR-30-E3	MIC5253-3.0YC5	SiP21106DT-26-E3	NCP500SN26T1
SiP21101DR-28-E3	MAX8511EXK28-T	SiP21101DR-33-E3	MIC5253-3.3YC5	SiP21106DT-26-E3	NCP500SN26T1G
SiP21106DR-28-E3	MAX8511EXK28-T	SiP21106DR-33-E3	MIC5253-3.3YC5	SiP21106DT-28-E3	NCP500SN28T1
SiP21101DR-30-E3	MAX8511EXK30-T	SiP21106DT-25-E3	MIC5255-2.5BM5	SiP21106DT-28-E3	NCP500SN28T1G
SiP21106DR-30-E3	MAX8511EXK30-T	SiP21106DT-25-E3	MIC5255-2.5YM5	SiP21106DT-30-E3	NCP500SN30T1
SiP21101DR-33-E3	MAX8511EXK33-T	SiP21106DT-26-E3	MIC5255-2.6BM5	SiP21106DT-30-E3	NCP500SN30T1G
SiP21106DR-33-E3	MAX8511EXK33-T	SiP21106DT-26-E3	MIC5255-2.6YM5	SiP21106DT-33-E3	NCP500SN33T1
SiP21107DT-25-E3	MAX8875EUK25-T	SiP21106DT-28-E3	MIC5255-2.8BM5	SiP21106DT-33-E3	NCP500SN33T1G
SiP21107DT-30-E3	MAX8875EUK30-T	SiP21106DT-28-E3	MIC5255-2.8YM5	Si91841DT-50-T1	NCP500SN50T1
SiP21107DT-33-E3	MAX8875EUK33-T	SiP21106DT-285-E3	MIC5255-2.85BM5	Si91841DT-50-T1-E3	NCP500SN50T1G
Si91842DT-50-T1-E3	MAX8875EUK50-T	SiP21106DT-285-E3	MIC5255-2.85YM5	SiP21106DT-18-E3	NCP561SN18T1
SiP21106DT-18-E3	MAX8877EUK18-T	Si91841DT-29-T1	MIC5255-2.9BM5	SiP21106DT-25-E3	NCP561SN25T1
SiP21106DT-25-E3	MAX8877EUK25-T	Si91841DT-29-T1-E3	MIC5255-2.9YM5	SiP21106DT-25-E3	NCP561SN25T1G
SiP21106DT-28-E3	MAX8877EUK28-T	SiP21106DT-30-E3	MIC5255-3.0BM5	SiP21106DT-28-E3	NCP561SN28T1
Si91841DT-29-T1-E3	MAX8877EUK29-T	SiP21106DT-30-E3	MIC5255-3.0YM5	SiP21106DT-28-E3	NCP561SN28T1G
SiP21106DT-30-E3	MAX8877EUK30-T	SiP21106DT-33-E3	MIC5255-3.3BM5	SiP21106DT-30-E3	NCP561SN30T1
SiP21106DT-33-E3	MAX8877EUK33-T	SiP21106DT-33-E3	MIC5255-3.3YM5	SiP21106DT-33-E3	NCP561SN33T1
Si91841DT-50-T1-E3	MAX8877EUK50-T	SiP21107DT-25-E3	MIC5256-2.5BM5	Si91841DT-50-T1	NCP561SN50T1
SiP21106DT-18-E3	MAX8877EZK18-T	SiP21107DT-25-E3	MIC5256-2.5YM5	SiP21106DT-18-E3	R1114N181D
SiP21106DT-25-E3	MAX8877EZK25-T	SiP21107DT-26-E3	MIC5256-2.6BM5	SiP21106DT-25-E3	R1114N251D
SiP21106DT-28-E3	MAX8877EZK28-T	SiP21107DT-26-E3	MIC5256-2.6YM5	SiP21106DT-26-E3	R1114N261D

150 mA					
Siliconix P/N	**Cross P/N**	**Siliconix P/N**	**Cross P/N**	**Siliconix P/N**	**Cross P/N**
Si91841DT-29-T1-E3	MAX8877EZK29-T	SiP21107DT-26-E3	MIC5256-2.6BM5	SiP21106DT-28-E3	R1114N281D
SiP21106DT-30-E3	MAX8877EZK30-T	SiP21107DT-26-E3	MIC5256-2.6YM5	SiP21106DT-285-E3	R1114N281D5
SiP21106DT-33-E3	MAX8877EZK33-T	SiP21107DT-28-E3	MIC5256-2.8BM5	Si91841DT-29-T1-E3	R1114N291D
Si91841DT-50-T1-E3	MAX8877EZK50-T	SiP21107DT-28-E3	MIC5256-2.8YM5	SiP21106DT-30-E3	R1114N301D
SiP21107DT-25-E3	MAX8885EUK25	SiP21107DT-285-E3	MIC5256-2.85BM5	SiP21107DT-33-E3	MAX8885EUK33
SiP21107DT-30-E3	MAX8885EUK30	SiP21107DT-285-E3	MIC5256-2.85YM5	Si91842DT-50-T1-E3	MAX8885EUK50
SiP21106DT-33-E3	R1114N331D	SiP21106DT-33-E3	TC1017-3.3VCT	SiP21106DT-26-E3	TC2185-2.6VCTTR
SiP21106DT-18-E3	R1116N181D	SiP21101DR-18-E3	TC1017R-1.8VLT	SiP21106DT-28-E3	TC2185-2.8VCTTR
SiP21106DT-25-E3	R1116N251D	SiP21106DR-18-E3	TC1017R-1.8VLT	SiP21106DT-285-E3	TC2185-2.85VCTTR
SiP21106DT-26-E3	R1116N261D	SiP21101DR-25-E3	TC1017R-2.5VLT	SiP21106DT-30-E3	TC2185-3.0VCTTR
SiP21106DT-28-E3	R1116N281D	SiP21106DR-25-E3	TC1017R-2.5VLT	SiP21106DT-33-E3	TC2185-3.3VCTTR
SiP21106DT-285-E3	R1116N281D5	SiP21101DR-26-E3	TC1017R-2.6VLT	Si91841DT-50-T1-E3	TC2185-5.0VCTTR
Si91841DT-29-T1-E3	R1116N291D	SiP21106DR-26-E3	TC1017R-2.6VLT	SiP21107DT-18-E3	TC2186-1.8VCT
SiP21106DT-30-E3	R1116N301D	SiP21101DR-28-E3	TC1017R-2.8VLT	SiP21107DT-25-E3	TC2186-2.5VCT
SiP21106DT-33-E3	R1116N331D	SiP21106DR-28-E3	TC1017R-2.8VLT	SiP21107DT-28-E3	TC2186-2.8VCT
SiP21106DT-18-E3	R1180N181B	SiP21101DR-285-E3	TC1017R-2.85VLT	SiP21107DT-285-E3	TC2186-2.85VCT
SiP21106DT-25-E3	R1180N251B	SiP21106DR-285-E3	TC1017R-2.85VLT	SiP21107DT-30-E3	TC2186-3.0VCT
SiP21106DT-26-E3	R1180N261B	SiP21101DR-30-E3	TC1017R-3.0VLT	SiP21107DT-25-E3	TC1186-2.5VCT
SiP21106DT-28-E3	R1180N281B	SiP21106DR-30-E3	TC1017R-3.0VLT	SiP21107DT-28-E3	TC1186-2.8VCT
SiP21106DT-285-E3	R1180N281B5	SiP21101DR-33-E3	TC1017R-3.3VLT	SiP21107DT-285-E3	TC1186-2.85VCT
Si91841DT-29-T1-E3	R1180N291B	SiP21106DR-33-E3	TC1017R-3.3VLT	SiP21107DT-33-E3	TC1186-3.3VCT
SiP21106DT-30-E3	R1180N301B	SiP21106DT-18-E3	TC1185-1.8VCT	Si91842DT-50-T1-E3	TC1186-5.0VCT
SiP21106DT-33-E3	R1180N331B	SiP21106DT-25-E3	TC1185-2.5VCT	SiP21106DT-18-E3	TK63118SCL
SiP21108DT-T1-E3	TC1187VCT	SiP21106DT-26-E3	TC1185-2.6VCT	SiP21106DT-25-E3	TK63125SCL
SiP21106DT-18-E3	TC2185-1.8VCTTR	SiP21106DT-28-E3	TC1185-2.8VCT	Si91841DT-16-T1-E3	TK63126SCL
SiP21106DT-25-E3	TC2185-2.5VCTTR	SiP21106DT-285-E3	TC1185-2.85VCT	SiP21106DT-28-E3	TK63128SCL
SiP21106DT-18-E3	TC1017-1.8VCT	SiP21106DT-30-E3	TC1185-3.0VCT	SiP21106DT-285-E3	TK63101SCL
SiP21106DT-25-E3	TC1017-2.5VCT	SiP21106DT-33-E3	TC1185-3.3VCT	Si91841DT-29-T1-E3	TK63129SCL
SiP21106DT-26-E3	TC1017-2.6VCT	Si91841DT-50-T1-E3	TC1185-5.0VCT	SiP21106DT-30-E3	TK63130SCL
SiP21106DT-28-E3	TC1017-2.8VCT	SiP21107DT-18-E3	TC1186-1.8VCT	SiP21106DT-33-E3	TK63133SCL
SiP21106DT-285-E3	TC1017-2.85VCT	SiP21106DT-18-E3	TC1186-1.8VCT	SiP21108DT-T1-E3	TPS72101DBV
Si91841DT-29-T1-E3	TC1017-2.9VCT	SiP21107DT-30-E3	TC1186-3.0VCT	SiP21106DT-18-E3	TPS72118DBV
SiP21106DT-30-E3	TC1017-3.0VCT				

250 mA	
Siliconix P/N	**Cross P/N**
Si9182DH-33-T1	LP3997MM-3.3

300 mA	
Siliconix P/N	**Cross P/N**
Si91821DH-18-T1-E3	MAX8860EUA18
Si91821DH-25-T1-E3	MAX8860EUA25
Si91821DH-28-T1-E3	MAX8860EUA28
Si91821DH-30-T1-E3	MAX8860EUA30
Si91821DH-33-T1-E3	MAX8860EUA33
Si91821DH-AD-T1-E3	LP3982IMM-ADJ
Si91821DH-18-T1-E3	LP3982IMM-1.8
Si91821DH-25-T1-E3	LP3982IMM-2.5
Si91821DH-30-T1-E3	LP3982IMM-3.0
Si91821DH-33-T1-E3	LP3982IMM-3.3

Dual	
Siliconix P/N	**Cross P/N**
SiP2210	MIC2210
SiP2211	MIC2211
SiP2213	MIC2213
SiP2214	MIC2214

Notes

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