

# SMSC Interface ICs



Products may be RoHS compliant.  
Check mouser.com for RoHS status.

Analog ICs

SMSC

## ETHERNET

- Features:**
- Lower system costs and overhead by eliminating the need for a PCI bus.
  - Dependable supply source with thirty plus years supporting long product cycles.
  - Comprehensive set of tools for implementation of Non-PCI Ethernet connectivity.
  - Ethernet controllers offer lower system costs and overhead by eliminating the need for a PCI bus.
- For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	SMSC Part No.	Package	Description	Price Each		
				1	25	100
<a href="#">886-LAN8700C-AEZG-TR</a>	LAN8700C-AEZG-TR	36 QFN	ESD Protected 10/100 Ethernet Transceiver w/HP Auto-MDIX FlexPWR	2.28	1.36	1.18
<a href="#">886-LAN8710A-EZK</a>	LAN8710A-EZK	QFNE3 32	10/100 Ethernet XCVR w/HP AutoMDIX Flex Power	1.40	1.26	1.05
<a href="#">886-LAN8720AI-CP</a>	LAN8720AI-CP	TQE3 24	10/100 Ethernet XCVR w/HP AutoMDIX Support	1.62	1.45	1.21
<a href="#">886-LAN91C111I-NS</a>	LAN91C111I-NS	128 QFP	Non-PCI 10/100 Ethernet MAC with Integrated PHY - Industrial Temperature	26.20	23.15	19.95
<a href="#">886-LAN91C111I-NU</a>	LAN91C111I-NU	128 VTQFP	Non-PCI 10/100 Ethernet MAC with Integrated PHY - Industrial Temperature	25.23	24.09	23.75
<a href="#">886-LAN91C111-NS</a>	LAN91C111-NS	128 QFP	Non-PCI 10/100 Ethernet MAC with Integrated PHY	24.15	23.83	23.15
<a href="#">886-LAN91C111-NU</a>	LAN91C111-NU	128 VTQFP	Non-PCI 10/100 Ethernet MAC with Integrated PHY	22.60	21.06	20.23
<a href="#">886-LAN9115-MT</a>	LAN9115-MT	100 TQFP	Highly Efficient Single-Chip 10/100 Non-PCI Ethernet Controller (16-Bit)	11.50	8.20	7.43
<a href="#">886-LAN9118-MT</a>	LAN9118-MT	100 TQFP	High-Performance Single-Chip 10/100 Non-PCI Ethernet Controller	22.15	18.92	15.60
<a href="#">886-LAN91C96-MU</a>	LAN91C96-MU	100 VTQFP	Non-PCI 10 Mbps Ethernet MAC with Integrated PHY	20.15	14.36	13.01
<a href="#">886-LAN9211-ABZJ</a>	LAN9211-ABZJ	56 QFN	High Performance Small Form Factor Single-chip Ethernet Controller HP Auto-MDIX	11.64	8.30	7.52
<a href="#">886-LAN9303-ABZJ</a>	LAN9303-ABZJ	QFNE3	High Performance 3 Port Ethernet Switch with Integrated Ethernet PHY	7.06	6.65	5.23
<a href="#">886-LAN9311-NU</a>	LAN9311-NU	128 VTQFP	Two Port 10/100 managed ethernet switch with 16-bit non PCI CPU interface	18.95	17.92	14.85
<a href="#">886-LAN9420I-NU</a>	LAN9420I-NU	VTQFP	Full-featured Fast Ethernet controller with Integrated 10/100 Phy	12.08	7.21	6.82
<a href="#">886-LAN9500-ABZJ</a>	LAN9500	56 QFN	USB 2.0 to 10/100 Hi-Speed Ethernet Controller	16.95	14.28	11.89
<a href="#">886-LAN9512-JZX</a>	LAN9512-JZX	TQFP	High Performance USB 2 Port Hub Switch with Integrated 10/100 Ethernet PHY	6.08	5.47	4.86
<a href="#">886-LAN9514-JZX</a>	LAN9514-JZX	TQFP	High Performance USB 4 Port Hub Switch with Integrated 10/100 Ethernet PHY	9.92	8.92	7.93

## ARCNET

ARCNET has many characteristics that make it ideal for industrial and embedded networking environments. This is due to the deterministic nature of ARCNET, its high reliability and fault tolerance, and its adaptability to a wide variety of cabling media and configurations. SMSC is the market leader in ARCNET devices and has a full spectrum of solutions to meet any customer's price and performance needs. Some of the key features are minimal Software Requirements and Low Processor Overhead, Fast and Deterministic Performance, A43Logical Ring, Robust Message Passing, Automatic Reconfiguration, Broadcast Messages, Unmatched Cabling Options, Flexibility for Long Networks, Network Interface Modules, Use of Hubs, Passive Hubs, Active Hubs, Applying ARNET.

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	SMSC Part No.	Package	RAM	Supply Current VDD	Operating Temp Range	Price Each
<a href="#">886-COM20020ILJP</a>	COM20020ILJP	28-PIN PLCC	2KX8 dual port	7V	40°C to 80°C	16.10
<a href="#">886-HYC9088A-R-LF</a>	HYC9088A-R-LF	20-PIN SIP	----	270mA	0°C to 70°C	27.03

## TEMPERATURE SENSORS

- Features:**
- (SMBus) temperature sensors.
  - High accuracy, low-cost zone monitoring features.
- For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	SMSC Part No.	Package	Interface	Power Supply	Price Each		
					1	25	100
<a href="#">886-EC1043-1-ACZL-TR</a>	EMC1043-1-ACZL-TR	8-Pin MSOP	Triple Sensor Beta Compensation	3.0v - 3.6v	2.00	1.19	1.02
<a href="#">886-EC1402-2-ACZL-TR</a>	EMC1402-2-ACZL-TR	8-Pin MSOP	Triple Sensor w/ Beta Compensation	3.3v	1.75	.95	.85

## USB HUB CONTROLLERS AND CARD READERS

- Features:**
- Ensured compliance with international ESD standard (IEC61000-4-2 Level 4)
  - Low capacitance, suitable for high-speed signal lines
- For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	SMSC Part No.	Package	Transfer Rate (USB 2.0)	Port Hub	Input Tolerance	Volt I/O	Price Each		
							1	25	100
<a href="#">886-USB2244-AEZG-04</a>	USB2244-AEZG-04	36 QFN	480Mbps	4-Port	5V	3.3 Volt	2.78	2.18	1.98
<a href="#">886-USB2250-NU-05</a>	USB2250-NU-05	TQFP	480 Mbps	5-Port	3V	3.3 Volt	3.50	2.74	2.51
<a href="#">886-USB2512-AEZG</a>	USB2512-AEZG	36 QFN	480Mbps	2-Port	3V	5.5 Volt	3.42	2.90	2.00
<a href="#">886-USB2512AI-AEZG</a>	USB2512AI-AEZG	QFNE3	480 Mbps	2-Port	3V	3.3 Volt	3.63	2.84	2.61
<a href="#">886-USB2504A-JT</a>	USB2504A-JT	64 TQFP	480Mbps	4-Port	5V	3.3 Volt	5.56	4.71	3.33
<a href="#">886-USB2513I-AEZG</a>	USB2513I-AEZG	QFNE3	480 Mbps	3-Port	3V	3.3 Volt	5.08	3.18	2.91
<a href="#">886-USB2514-AEZG</a>	USB2514-AEZG	36 QFN	480Mbps	4-Port	3V	3.3 Volt	3.87	3.27	2.31
<a href="#">886-USB2514I-AEZG</a>	USB2514I-AEZG	QFNE3	480 Mbps	4-Port	3V	3.3 Volt	5.21	3.26	2.98
<a href="#">886-USB2517I-JZX</a>	USB2517I-JZX	QFNE3	480 Mbps	7-Port	3V	3.3 Volt	8.76	6.86	6.29

## USB TRANSCEIVERS

- Features:**
- Includes full support for the optional On-The-Go (OTG) protocol
  - Internal 1.8 volt regulators allow operation from a single 3.3 volt supply
  - Functional as a host, device or OTG PHY
- For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	SMSC Part No.	Package	Interface	Operating Temperature	Price Each		
					1	25	100
<a href="#">886-USB3300-EZK</a>	USB3300-EZK	32 Pin QFN	USB 2.0 ULPI	-40°C to +85°C	2.28	1.36	1.17
<a href="#">886-USB3311C-CP-TR</a>	USB3311C-CP-TR	QFNE3	Hi-Speed USB 1.8V ULPI Interface 26MHz Clock	- 40 C to + 85 C	1.84	1.44	1.32
<a href="#">886-USB3317C-CP-TR</a>	USB3317C-CP-TR	QFNE3	Hi-Speed USB 1.8V-3.3V ULPI Interface 26MHz Clock	- 40 C to + 85 C	1.84	1.44	1.32
<a href="#">886-USB3250-ABZJ</a>	USB3250-ABZJ	56-Pin QFN	USB 2.0 UTM1 + Interface	-40°C to 85°C	2.28	1.36	1.17
<a href="#">886-USB3290-FH-TR</a>	USB3290-FH-TR	40-Pin VFBGA	USB 2.0 Phy + UTM1 Interface	-40°C to 85°C	2.71	1.61	1.39
<a href="#">886-USB3326C-GL-TR</a>	USB3326C-GL-TR	25-Ball WLCSP	Mini USB 2.0 1.8V 19.2 Mhz Ref Clock	-40°C to 85°C	2.73	1.71	1.56

## EVALUATION BOARDS

- Features:**
- Easy use software development boards.
  - Deterministic and reliable protocol.
  - Enables a flexible and modular system design.
- For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	SMSC Part No.	Product Family	Description	Price Each
<a href="#">886-EVB-3250</a>	EVB-3250	USB 2.0 Hi-Speed Phy Evaluation Board	USB3250 Designer Card with Standard Test Interface	147.05
<a href="#">886-EVB-3300</a>	EVB-3300	USB 2.0 Hi-Speed Phy Evaluation Board	USB3300 Evaluation Board	110.50
<a href="#">886-EVB9220-MINI</a>	EVB9220-MINI	USB 2.0 Networking Evaluation	Evaluation Board LAN9220 Mini Development Card	152.40
<a href="#">886-EVB9221-MINI</a>	EVB9221-MINI	USB 2.0 Networking Evaluation	Evaluation Board LAN9221 Mini Development Card	152.40
<a href="#">886-EVB9311</a>	EVB9311	USB 2.0 Networking Evaluation	2-Port Evaluation Board	455.00
<a href="#">886-EVB9500MII</a>	EVB9500MII	USB 2.0 Networking Evaluation	LAN 9500 Evaluation Board with MII Interface	381.00
<a href="#">886-EVB-EMC1043</a>	EVB-EMC1043	Monitoring Device Evaluation	EMC1043 SMBus Temp Sensor Evaluation Board	114.30
<a href="#">886-EVB-USB2240-IND</a>	EVB-USB2240-IND	USB 2.0 Evaluation Board	Ultra-Fast USB 2.0 Multi-Slot Flash Media Controller BRD	105.41
<a href="#">886-EVBUSB2512Q36BAS</a>	EVB-USB2512Q36-BAS	USB 2.0 Evaluation Board	2 Port High Speed Board - USB2512ZI	58.50
<a href="#">886-EVBUSB2513Q36BAS</a>	EVB-USB2513Q36-BAS	USB 2.0 Evaluation Board	3 Port High Speed Board - USB2513I	58.50
<a href="#">886-EVBUSB2514Q36BAS</a>	EVB-USB2514Q36-BAS	USB 2.0 Evaluation Board	4 Port High Speed Board - USB2514I	58.50
<a href="#">886-EVB-USB2524</a>	EVB-USB2524	USB 2.0 Evaluation Board	Switching hub with 2 up-stream ports and 4 down-stream	110.50

