

EXAR Interface Transceivers and UARTS



RoHS Compliant This product is RoHS compliant.

EXAR RS485 TRANSCEIVERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Exar Part No.	Package Type	No. of Tx	No. of Rx	Data Rate (Kbps)	ESD (KV)	Vcc (V) (Max)	Duplex	Typ Shutdown ICC (µA)	Rx Failsafe Open	Multi-Drop Nodes	Temperature Range	Price Each		
													1	25	100
701-SP4082EEN-L	SP4082EEN-L	SOICN-8	1	1	115	15	5	Half	400	Yes	256	-40°C to 85°C	1.64	1.30	1.10
701-SP3483EEN-L	SP3483EEN-L	SOICN-8	1	1	250	2	3.3	Half	1	Yes	32	-40°C to 85°C	2.68	2.16	1.94
701-SP483EEN-L	SP483EEN-L	SOIC-8	1	1	250	15	5	Half	1	Yes	32	0°C to 70°C	1.61	1.28	1.08
701-SP483ECP-L	SP483ECP-L	PDIP-8	1	1	250	15	5	Half	1	Yes	32	0°C to 70°C	1.61	1.27	1.08
701-SP483EEN-L	SP483EEN-L	SOICN-8	1	1	250	15	5	Half	1	Yes	32	-40°C to 85°C	1.67	1.33	1.13
701-SP483ES-L	SP483ES-L	PDIP-8	1	1	250	2	5	Half	1	Yes	32	-40°C to 85°C	1.67	1.33	1.13
701-SP3083EEN-L	SP3083EEN-L	SOICN 14	1	1	500	15	5	Full	1	Yes	32	-40°C to 85°C	2.71	2.15	1.82
701-SP3083EEN-L	SP3083EEN-L	SOICN-8	1	1	500	15	5	Half	1	Yes	32	-40°C to 85°C	2.71	2.15	1.82
701-SP485CN-L	SP485CN-L	SOIC-8	1	1	5000	2	5	Half	--	Yes	32	0°C to 70°C	1.10	.876	.75
701-SP485CS-L	SP485CS-L	PDIP-8	1	1	5000	2	5	Half	--	Yes	32	0°C to 70°C	1.10	.876	.75
701-SP485EN-L	SP485EN-L	SOICN-8	1	1	5000	2	5	Half	--	Yes	32	-40°C to 85°C	1.13	.907	.788
701-SP485ES-L	SP485ES-L	PDIP-8	1	1	5000	2	5	Half	--	Yes	32	-40°C to 85°C	1.08	.907	.793
701-SP485REN-L	SP485REN-L	SOICN-8	1	1	5000	2	5	Half	--	Yes	32	-40°C to 85°C	1.23	.928	.788
701-SP490CN-L	SP490CN-L	SOIC-8	1	1	5000	2	5	Full	--	Yes	32	0°C to 70°C	1.87	1.51	1.36
701-SP490EN-L	SP490EN-L	SOICN-8	1	1	5000	2	5	Full	--	Yes	32	-40°C to 85°C	1.94	1.54	1.31
701-SP491CN-L	SP491CN-L	SOIC-14	1	1	5000	2	5	Full	--	Yes	32	0°C to 70°C	1.87	1.51	1.36
701-SP491EN-L	SP491EN-L	SOICN-14	1	1	5000	2	5	Full	--	Yes	32	-40°C to 85°C	1.94	1.54	1.31
701-SP3485EN-L	SP3485EN-L	SOICN-8	1	1	10000	2	3.3	Half	10	Yes	32	-40°C to 85°C	2.68	2.12	1.80
701-SP3490EN-L	SP3490EN-L	SOICN-8	1	1	10000	2	3.3	Full	--	Yes	32	-40°C to 85°C	2.34	1.86	1.58
701-SP3491CN-L	SP3491CN-L	SOIC-14	1	1	10000	2	3.3	Full	10	Yes	32	0°C to 70°C	2.28	1.83	1.65
701-SP3491EN-L	SP3491EN-L	SOICN-14	1	1	10000	2	3.3	Full	10	Yes	32	-40°C to 85°C	2.34	1.86	1.58
701-SP481EEN-L	SP481EEN-L	SOICN-8	1	1	10000	15	5	Half	1	Yes	32	-40°C to 85°C	2.01	1.59	1.35
701-SP485EEN-L	SP485EEN-L	SOIC-8	1	1	10000	15	5	Half	--	Yes	32	0°C to 70°C	1.10	.87	.742
701-SP485EEN-L	SP485EEN-L	SOICN-8	1	1	10000	15	5	Half	--	Yes	32	-40°C to 85°C	1.13	.907	.788
701-SP485EEP-L	SP485EEP-L	PDIP-8	1	1	10000	15	5	Half	--	Yes	32	-40°C to 85°C	1.13	.907	.788
701-SP485EMN-L	SP485EMN-L	SOICN-8	1	1	10000	15	5	Half	--	Yes	32	-40°C to 85°C	1.13	.907	.788
701-SP490EEN-L	SP490EEN-L	SOICN-8	1	1	10000	15	5	Full	--	Yes	32	-40°C to 85°C	1.94	1.54	1.31
701-SP490EEP-L	SP490EEP-L	PDIP-8	1	1	10000	15	5	Full	--	Yes	32	-40°C to 85°C	1.94	1.54	1.31
701-SP491EEN-L	SP491EEN-L	SOICN-14	1	1	10000	15	5	Full	--	Yes	32	-40°C to 85°C	1.94	1.54	1.31
701-SP1485EEN-L	SP1485EEN-L	SOICN-8	1	1	20000	15	5	Half	--	Yes	32	-40°C to 85°C	1.71	1.37	1.23
701-SP1490EEN-L	SP1490EEN-L	SOICN-8	1	1	20000	15	5	Full	--	Yes	32	0°C to 70°C	2.21	1.78	1.60
701-SP3088EEN-L	SP3088EEN-L	SOICN-8	1	1	20000	15	5	Half	1	Yes	32	-40°C to 85°C	2.71	2.15	1.82
701-SP3495EEN-L	SP3495EEN-L	SOIC-8	1	1	32000	15	3.3	Half	1	Yes	64	-40°C to 85°C	2.78	2.44	2.11
701-SP3496EEN-L	SP3496EEN-L	SOIC-8	1	1	32000	15	3.3	Full	1	Yes	64	-40°C to 85°C	2.78	2.44	2.11
701-SP3497EEN-L	SP3497EEN-L	SOIC-14	1	1	32000	15	3.3	Full	1	Yes	64	-40°C to 85°C	2.78	2.44	2.11

EXAR ULTRA HIGH SPEED MULTIPROTOCOL SERIAL TRANSCEIVERS

The SP510 is industry's fastest serial transceiver that supports eight (8) popular serial interface standards for Wide Area Network (WAN) connectivity. The SP510 is fabricated using a low power CMOS process technology, and incorporates Exar's regulated charge pump allowing +5V only operation with an adjustable logic pin down to 1.65V. Exar's patented charge pump provides a regulated output of +5.8V, which will provide enough voltage for compliant operation in all modes. Eight (8) drivers and eight (8) receivers can be configured via software for any of the above interface modes at any time. The SP510 requires no additional external components for compliant operation for all of the eight (8) modes of operation other than four capacitors used for the internal charge pump.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Exar Part No.	Package Type	No. of Tx	No. of Rx	Data Rate (Kbps)	Vcc (V)	ESD (KV)	Term	Supported Protocols	Temperature Range	Price Each		
											1	25	100
701-SP510CM-L	SP510CM-L	LQFP-100	8	8	52000	5	15	Complete	RS232, RS449,EIA530, EIA530A, V.10, V.11, V.28, V.35, V.36, X.21	0°C to 70°C	34.70	32.10	29.50

EXAR 8-BIT UARTS



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Exar Part No.	Package Type	No. of Channels	CPU Interface	Data Rate 5/3.3/2.5V	Tx/Rx FIFO INT Trig	Supply Voltage	Temperature Range	Price Each		
									1	25	100
701-ST16C1550IJ28-F	ST16C1550IJ28-F	PLCC-28	1	Intel	1.5/0.5/na	4/4 Levels	2.97-5.5	-40°C to 85°C	5.35	4.71	4.07
701-ST16C1550IQ48-F	ST16C1550IQ48-F	TQFP-48	1	Intel	1.5/0.5/na	4/4 Levels	2.97-5.5	-40°C to 85°C	7.18	6.31	5.45
701-ST16C450CP40-F	ST16C450CP40-F	PDIP-40	1	Intel	1.5/0.5/na	No/No	2.97-5.5	0°C to 70°C	6.06	4.59	3.90
701-ST16C450IQ48-F	ST16C450IQ48-F	TQFP-48	1	Intel	1.5/0.5/na	No/No	2.97-5.5	-40°C to 85°C	6.65	5.85	5.05
701-ST16C550CP40-F	ST16C550CP40-F	PDIP-40	1	Intel	1.5/1.0/na	No/4 Levels	2.97-5.5	0°C to 70°C	5.11	3.87	3.29
701-ST16C550CJ44-F	ST16C550CJ44-F	PLCC-44	1	Intel	1.5/1.0/na	No/ 4 Levels	2.97-5.5	0°C to 70°C	3.24	2.80	2.36
701-ST16C550CQ48-F	ST16C550CQ48-F	TQFP 48	1	Intel	1.5/1.0/na	No/ 4 Levels	2.97-5.5	0°C to 70°C	4.07	3.52	2.97
701-ST16C650ACJ44-F	ST16C650ACJ44-F	PLCC-44	1	Intel or PC COM Port	3.1/2.0/na	4/4 Levels	2.97-5.5	0°C to 70°C	8.80	7.74	6.69
701-ST16C650ACQ48-F	ST16C650ACQ48-F	TQFP-48	1	Intel or PC COM Port	3.1/2.0/na	4/4 Levels	2.97-5.5	0°C to 70°C	9.83	8.65	7.47
701-XR16C850CM-F	XR16C850CM-F	TQFP-48	1	Intel or PC COM Port	2.2/1.3/na	Prog./Prog.	2.97-5.5	0°C to 70°C	12.22	10.86	9.77
701-XR16C850IM-F	XR16C850IM-F	TQFP-48	1	Intel or PC COM Port	2.2/1.3/na	Prog./Prog.	2.97-5.5	-40°C to 85°C	13.55	12.04	10.84
701-XR16L580IL-F	XR16L580IL-F	QFN32	1	Intel or Motorola	3.0/2.0/1.5	4/4 Levels	2.25-5.5	-40°C to 85°C	3.73	3.22	2.72
701-XR16M581IL24-F	XR16M581IL24-F	QFN-24	1	VLIO	na/20/16	4 Levels/4 Levels	1.62-3.63	-40°C to 85°C	4.03	3.54	3.06
701-XR16M890IL32-F	XR16M890IL32-F	QFN-32	1	Intel/Motorola/VLIO	na/24/na	Prog./Prog.	1.62-3.63	-40°C to 85°C	4.50	3.96	3.42
701-XR16M890IL40-F	XR16M890IL40-F	QFN-40	1	Intel/Motorola/VLIO	na/24/na	Prog./Prog.	1.62-3.63	-40°C to 85°C	4.58	4.03	3.48
701-XR16M890IM48-F	XR16M890IM48-F	TQFP-48	1	Intel/Motorola/VLIO	na/24/na	Prog./Prog.	1.62-3.63	-40°C to 85°C	4.65	4.09	3.53
701-XR16M2550IL32-F	XR16M2550IL32-F	QFN32	2	Intel	na/16/12.5	4/4 Levels	1.62-3.63	-40°C to 85°C	7.98	7.02	6.06
701-XR88C681CJ-F	XR88C681CJ-F	PLCC-44	2	Intel	1.0/na/na	No/No	5	0°C to 70°C	7.09	6.13	5.17
701-ST16C2450IQ48-F	ST16C2450IQ48-F	TQFP-48	2	Intel	1.5/1.0/na	No/No	2.97-5.5	-40°C to 85°C	8.90	7.83	6.76
701-ST16C552ACJ68-F	ST16C552ACJ68-F	PLCC-68	2	Intel	1.5/0.5/na	No/4 Levels	2.97-5.5	0°C to 70°C	7.84	7.11	6.14
701-ST16C552IJ68-F	ST16C552IJ68-F	PLCC-68	2	Intel	1.5/0.5/na	No/4 Levels	2.97-5.5	-40°C to 85°C	7.99	7.24	6.25
701-XR16L2752IJ-F	XR16L2752IJ-F	PLCC-44	2	Intel	6.2/4.3/3.0@8X	Prog./Prog.	2.25-5.5	-40°C to 85°C	9.33	8.21	7.09
701-XR68C192CV-F	XR68C192CV-F	LQFP-44	2	Motorola	1.0/0.5/na	4/4 Levels	2.97-5.5	0°C to 70°C	11.59	10.30	9.27
701-XR68C681CP-F	XR68C681CP-F	PDIP-40	2	Motorola	1.0/na/na	No/No	5	0°C to 70°C	8.21	7.44	6.42
701-XR88C192CV-F	XR88C192CV-F	LQFP-44	2	Intel	1.0/0.5/na	4/4 Levels	2.97-5.5	0°C to 70°C	10.45	9.20	7.94
701-XR88C681P/40-F	XR88C681P/40-F	PDIP-40	2	Intel	1.0/na/na	No/No	5	-40°C to 85°C	9.01	8.16	7.05
701-XR88C92IJ-F	XR88C92IJ-F	PLCC-44	2	Intel	1.0/0.5/na	4/4 Levels	2.97-5.5	-40°C to 85°C	9.03	7.94	6.86
701-ST16C554DCJ68-F	ST16C554DCJ68-F	PLCC-68	4	Intel or Motorola	1.5/0.5/na	No/4 Levels	2.97-5.5	-45°C to 85°C	11.90	10.29	8.68
701-ST16C654DCQ64-F	ST16C654DCQ64-F	LQFP64	4	Intel or Motorola	1.5/0.5/na	4/4 Levels	2.97-5.5	0°C to 70°C	16.52	14.29	12.05
701-ST16C654DIQ64-F	ST16C654DIQ64-F	LQFP64	4	Intel or Motorola	1.5/0.5/na	4/4 Levels	2.97-5.5	-45°C to 85°C	16.95	14.66	12.36
701-ST16C654IJ68-F	ST16C654IJ68-F	PLCC-68	4	Intel or Motorola	15/0.5/na	4/4 Levels	2.97-5.5	-40°C to 85°C	16.27	14.06	11.86
701-ST16C654IQ100-F	ST16C654IQ100-F	QFP-100	4	Intel or Motorola	1.5/0.5/na	4/4 Levels	2.97-5.5	-40°C to 85°C	22.31	18.21	17.85
701-XR16C854CJ-F	XR16C854CJ-F	PLCC-68	4	Intel or Motorola	2.0/1.5/na	Prog./Prog.	2.97-5.5	0°C to 70°C	25.53	-	-
701-XR16C854IQ-F	XR16C854IQ-F	QFP100	4	Intel or Motorola	2.0/1.5/na	Prog./Prog.	2.97-5.5	-40°C to 85°C	25.42	-	-
701-XR16C854DIV-F	XR16C854DIV-F	LQFP64	4	Intel or Motorola	2.0/1.5/na	Prog./Prog.	2.97-5.5	-40°C to 85°C	27.54	25.28	21.49
701-XR82C684CJ-F	XR82C684CJ-F	PLCC-68	4	Intel or Motorola	1.0/na/na	No/No	5	0°C to 70°C	17.49	15.12	12.75
701-XR16V798IQ-F	XR16V798IQ-F	QFP-100	8	Intel or Motorola	na/8/6.25@8X	Prog./Prog.	2.25-3.6	-40°C to 85°C	33.64	-	-

