

# EXAR Interface Transceivers and UARTS



RoHS Compliant This product is RoHS compliant.

## EXAR RS485 TRANSCEIVERS

For quantities 250 and up, call for quote.

MOUSER STOCK NO.	Exar Part No.	Package Type	Temperature Range	No. of Tx	No. of Rx	Data Rate (Kbps)	ESD (KV)	Vcc (V)	Duplex	Typ Shut Down ICC (µA)	Rx Failsafe Open	Multi-Drop Nodes	Price Each		
													1	25	100
701-SP4082EEN-L	SP4082EEN-L	SOICN-8	-40°C to 85°C	1	1	115	15	5	Half	400	Yes	256	1.72	1.30	1.10
701-SP3483EN-L	SP3483EN-L	SOICN-8	-40°C to 85°C	1	1	250	2	3.3	Half	1	Yes	32	2.80	2.12	1.80
701-SP483CS-L	SP483CS-L	PDIP-8	0°C to 70°C	1	1	250	2	5	Half	1	Yes	32	1.75	1.33	1.13
701-SP483EN-L	SP483EN-L	SOICN-8	-40°C to 85°C	1	1	250	2	5	Half	1	Yes	32	1.75	1.33	1.13
701-SP483ECP-L	SP483ECP-L	PDIP-8	0°C to 70°C	1	1	250	15	5	Half	1	Yes	32	1.75	1.33	1.13
701-SP483EEN-L	SP483EEN-L	SOICN-8	-40°C to 85°C	1	1	250	15	5	Half	1	Yes	32	1.75	1.33	1.13
701-SP3083EEN-L	SP3083EEN-L	SOICN-14	-40°C to 85°C	1	1	500	15	5	Full	1	Yes	32	2.84	2.15	1.82
701-SP3084EEN-L	SP3084EEN-L	SOICN-8	-40°C to 85°C	1	1	500	15	5	Full	1	Yes	32	2.84	2.15	1.82
701-SP3085EEN-L	SP3085EEN-L	SOICN-8	-40°C to 85°C	1	1	500	15	5	Half	1	Yes	32	2.84	2.15	1.82
701-SP490CS-L	SP490CS-L	PDIP-8	0°C to 70°C	1	1	5000	2	5	Full	--	Yes	32	2.03	1.54	1.31
701-SP490EN-L	SP490EN-L	SOICN-8	-40°C to 85°C	1	1	5000	2	5	Full	--	Yes	32	2.03	1.54	1.31
701-SP491CS-L	SP491CS-L	PDIP-14	0°C to 70°C	1	1	5000	2	5	Full	--	Yes	32	2.03	1.54	1.31
701-SP491EN-L	SP491EN-L	SOICN-14	-40°C to 85°C	1	1	5000	2	5	Full	--	Yes	32	2.03	1.54	1.31
701-SP485EN-L	SP485EN-L	SOICN-8	-40°C to 85°C	1	1	5000	2	5	Half	--	Yes	32	1.23	.928	.788
701-SP485ES-L	SP485ES-L	PDIP-8	-40°C to 85°C	1	1	5000	2	5	Half	--	Yes	32	1.23	.928	.788
701-SP485RCP-L	SP485RCP-L	PDIP-8	0°C to 70°C	1	1	5000	2	5	Half	--	Yes	32	1.23	.928	.788
701-SP485REN-L	SP485REN-L	SOICN-8	-40°C to 85°C	1	1	5000	2	5	Half	--	Yes	32	1.23	.928	.788
701-SP3490EN-L	SP3490EN-L	SOICN-8	-40°C to 85°C	1	1	10000	2	3.3	Full	--	Yes	32	2.45	1.86	1.58
701-SP3491EN-L	SP3491EN-L	SOICN-14	-40°C to 85°C	1	1	10000	2	3.3	Full	10	Yes	32	2.45	1.86	1.58
701-SP3485EN-L	SP3485EN-L	SOICN-8	-40°C to 85°C	1	1	10000	2	3.3	Half	10	Yes	32	2.80	2.12	1.80
701-SP490EEN-L	SP490EEN-L	SOICN-8	-40°C to 85°C	1	1	10000	15	5	Full	--	Yes	32	2.03	1.54	1.31
701-SP491EEN-L	SP491EEN-L	SOICN-14	-40°C to 85°C	1	1	10000	15	5	Full	--	Yes	32	2.03	1.54	1.31
701-SP491EEP-L	SP491EEP-L	PDIP-14	-40°C to 85°C	1	1	10000	15	5	Full	--	Yes	32	2.03	1.54	1.31
701-SP481EEN-L	SP481EEN-L	SOICN-8	-40°C to 85°C	1	1	10000	15	5	Half	1	Yes	32	2.10	1.59	1.35
701-SP485EEN-L	SP485EEN-L	SOICN-8	-40°C to 85°C	1	1	10000	15	5	Half	--	Yes	32	1.23	.928	.788
701-SP485EEP-L	SP485EEP-L	PDIP-8	-40°C to 85°C	1	1	10000	15	5	Half	--	Yes	32	1.23	.928	.788
701-SP485EMN-L	SP485EMN-L	SOICN-8	-40C to 125C	1	1	10000	15	5	Half	--	Yes	32	1.23	.928	.788
701-SP1491EEN-L	SP1491EEN-L	SOICN-14	-40°C to 85°C	1	1	20000	15	5	Full	10	Yes	32	3.13	2.75	2.38
701-SP3086EEN-L	SP3086EEN-L	SOICN-14	-40°C to 85°C	1	1	20000	15	5	Full	1	Yes	32	2.84	2.15	1.82
701-SP1481EEN-L	SP1481EEN-L	SOICN-8	-40°C to 85°C	1	1	20000	15	5	Half	10	Yes	32	3.00	2.64	2.28
701-SP1485EEN-L	SP1485EEN-L	SOICN-8	-40°C to 85°C	1	1	20000	15	5	Half	--	Yes	32	2.98	2.25	1.91
701-SP1486EEN-L	SP1486EEN-L	SOICN-8	-40°C to 85°C	1	1	20000	15	5	Half	1	Yes	32	3.13	2.75	2.38
701-SP3088EEN-L	SP3088EEN-L	SOICN-8	-40°C to 85°C	1	1	20000	15	5	Half	1	Yes	32	2.84	2.15	1.82
701-SP3495EEN-L	SP3495EEN-L	SOIC-8	-40°C to 85°C	1	1	32000	15	3.3	Half	1	Yes	64	2.78	2.44	2.11
701-SP3496EEN-L	SP3496EEN-L	SOIC-8	-40°C to 85°C	1	1	32000	15	3.3	Full	1	Yes	64	2.78	2.44	2.11
701-SP3497EEN-L	SP3497EEN-L	SOIC-14	-40°C to 85°C	1	1	32000	15	3.3	Full	1	Yes	64	2.78	2.44	2.11

## EXAR MULTI-PROTOCOL TRANSCEIVERS

For quantities 250 and up, call for quote.

MOUSER STOCK NO.	Exar Part No.	Package Type	Temperature Range	No. of Tx	No. of Rx	Data Rate (kbps)	Vcc (V)	ESD (KV)	Term	Supported Protocols	Price Each		
											1	30	10
701-SP3508CF-L	SP3508CF-L	LQFP-100	0°C to 70°C	8	8	20000	3.3	4	Complete	RS232, RS449,EIA530, EIA530A,V.10, V.11, V.28, V.35, V.36,X.21	33.50	30.99	28.48
701-SP3508EF-L	SP3508EF-L	LQFP-100	-40°C to 85°C	8	8	20000	3.3	4	Complete	RS232, RS449,EIA530, EIA530A,V.10, V.11, V.28, V.35, V.36,X.21	33.50	30.99	28.48
701-SP505ACM-L	SP505ACM-L	LQFP-80	0°C to 70°C	7	7	10000	5	2	V.35, V.11	RS232, RS449,EIA530, V.10, V.11, V.28, V.35, V.36,X.21	22.00	20.35	18.70
701-SP506CM-L	SP506CM-L	LQFP-80	0°C to 70°C	7	7	20000	5	2	V.35, V.11	RS232, RS449,EIA530, V.10, V.11, V.28, V.35, V.36,X.21	27.50	22.20	20.40
701-SP508CF-L	SP508CF-L	LQFP-100	0°C to 70°C	8	8	20000	5	15	Complete	RS232, RS449,EIA530, EIA530A,V.10, V.11, V.28, V.35, V.36,X.21	24.00	25.44	23.38
701-SP508EF-L	SP508EF-L	LQFP-100	-40°C to 85°C	8	8	20000	5	15	Complete	RS232, RS449,EIA530, EIA530A,V.10, V.11, V.28, V.35, V.36,X.21	28.88	26.71	24.55
701-SP509CF-L	SP509CF-L	LQFP-100	0°C to 70°C	8	8	40000	5	15	Complete	RS232, RS449,EIA530, EIA530A,V.10, V.11, V.28, V.35, V.36,X.21	30.90	28.58	26.27

## EXAR 8-BIT UARTS

For quantities 250 and up, call for quote.

MOUSER STOCK NO.	Exar Part No.	Package Type	Temperature Range	No. of Channels	CPU Interface	Data Rate 5/3.3/2.5V	Tx/Rx FIFO INT Trig	Supply Voltage	Price Each		
									1	25	100
701-XR16M581B25-F	XR16M581B25-F	BGA-25	-40°C to 85°C	1	VLIO	na/20/16	4 Levels/4 Levels	1.62V - 3.63V	4.03	3.54	3.06
701-XR16M581IL24-F	XR16M581IL24-F	QFN-24	-40°C to 85°C	1	VLIO	na/20/16	4 Levels/4 Levels	1.62V - 3.63V	4.03	3.54	3.06
701-XR16M581IL32-F	XR16M581IL32-F	QFN-32	-40°C to 85°C	1	VLIO	na/20/16	4 Levels/4 Levels	1.62V - 3.63V	3.90	3.43	2.96
701-XR16M681B25-F	XR16M681B25-F	BGA-25	-40°C to 85°C	1	VLIO	na/20/16	4 Levels/4 Levels	1.62V - 3.63V	4.23	3.72	3.21
701-XR16M681IL24-F	XR16M681IL24-F	QFN-24	-40°C to 85°C	1	VLIO	na/20/16	4 Levels/4 Levels	1.62V - 3.63V	4.23	3.72	3.21
701-XR16M681IL32-F	XR16M681IL32-F	QFN-32	-40°C to 85°C	1	VLIO	na/20/16	4 Levels/4 Levels	1.62V - 3.63V	4.10	3.61	3.12
701-XR16M781B25-F	XR16M781B25-F	BGA-25	-40°C to 85°C	1	VLIO	na/20/16	Prog./Prog.	1.62V - 3.63V	4.65	4.09	3.53
701-XR16M781IL24-F	XR16M781IL24-F	QFN-24	-40°C to 85°C	1	VLIO	na/20/16	Prog./Prog.	1.62V - 3.63V	4.65	4.09	3.53
701-XR16M781IL32-F	XR16M781IL32-F	QFN-32	-40°C to 85°C	1	VLIO	na/20/16	Prog./Prog.	1.62V - 3.63V	4.50	3.96	3.42
701-ST16C550CJ44-F	ST16C550CJ44-F	PLCC-44	0°C to 70°C	1	Intel	1.5/1.0/na	No/ 4 Levels	2.97V - 5.5V	3.78	3.32	2.87
701-ST16C550CQ48-F	ST16C550CQ48-F	TQFP 48	0°C to 70°C	1	Intel	1.5/1.0/na	No/ 4 Levels	2.97V - 5.5V	4.75	4.18	3.61
701-XR88C681CJ-F	XR88C681CJ-F	PLCC-44	0°C to 70°C	2	Intel	1.0/na/na	No/No	5V	8.28	7.28	6.29
701-XR88C681CP/40-F	XR88C681CP/40-F	PDIP-40	0°C to 70°C	2	Intel	1.0/na/na	No/No	5V	8.28	7.28	6.29
701-ST16C552CJ68-F	ST16C552CJ68-F	PLCC-68	0°C to 70°C	2	Intel	1.5/1.0/na	No/ 4 Levels	2.97V - 5.5V	7.73	6.80	5.87
701-ST16C2550CJ44-F	ST16C2550CJ44-F	PLCC-44	0°C to 70°C	2	Intel	4.0/1.8/na	No/ 4 Levels	2.97V - 5.5V	7.78	6.84	5.91
701-ST16C2550CQ48-F	ST16C2550CQ48-F	TQFP-48	0°C to 70°C	2	Intel	4.0/1.8/na	No/ 4 Levels	2.97V - 5.5V	8.33	7.33	6.33
701-ST16C2552CJ44-F	ST16C2552CJ44-F	PLCC-44	0°C to 70°C	2	Intel	4.0/1.8/na	No/ 4 Levels	2.97V - 5.5V	8.35	7.35	6.35
701-XR16L2750CM-F	XR16L2750CM-F	TQFP-48	0°C to 70°C	2	Intel	6.2/4.0/3.0 @8X	Prog./Prog.	2.25V - 5.5V	7.98	7.02	6.06
701-XR16M2550IM48-F	XR16M2550IM48-F	TQFP-48	-45°C to 85°C	2	Intel	na/16/12.5	4/ 4 Levels	1.6 V - 3.63V	7.25	6.38	5.51
701-XR68C681CJ-F	XR68C681CJ-F	PLCC-44	0°C to 70°C	2	Motorola	1.0/na/na	No/No	5V	8.45	7.44	6.42
701-XR82C684CJ/44-F	XR82C684CJ/44-F	PLCC-44	0°C to 70°C	4	Intel or Motorola	1.0/na/na	No/No	5V	17.10	15.20	13.68
701-XR82C684CJ-F	XR82C684CJ-F	PLCC-68	0°C to 70°C	4	Intel or Motorola	1.0/na/na	No/No	5V	18.38	16.34	14.71
701-ST16C654CJ68-F	ST16C654CJ68-F	PLCC-68	0°C to 70°C	4	Intel or Motorola	1.5/0.5/na	4/ 4 Levels	2.97V - 5.5V	16.65	14.80	13.32
701-ST16C654CQ100-F	ST16C654CQ100-F	TQFP-100	0°C to 70°C	4	Intel or Motorola	1.5/0.5/na	4/ 4 Levels	2.97V - 5.5V	18.18	16.16	14.54
701-ST16C554CQ64-F	ST16C554CQ64-F	LQFP-64	0°C to 70°C	4	Intel or Motorola	1.5/0.5/na	No/4 Levels	2.97V - 5.5V	13.01	11.56	10.40
701-ST16C554DCJ68-F	ST16C554DCJ68-F	PLCC-68	-45°C to 85°C	4	Intel or Motorola	1.5/0.5/na	No/4 Levels	2.97V - 5.5V	12.51	11.12	10.01
701-ST16C554DCQ64-F	ST16C554DCQ64-F	LQFP-64	0°C to 70°C	4	Intel or Motorola	1.5/0.5/na	No/4 Levels	2.97V - 5.5V	13.01	11.56	10.40
701-XR16V554IV80-F	XR16V554IV80-F	LQFP-80	-45°C to 85°C	4	Intel or Motorola	na/4.0/3.125	No/4 Levels	2.25V - 3.6V	13.01	11.56	10.40

