

EXAR LIUs and Evaluation Boards

RoHS Compliant This product is RoHS compliant.



EXAR I2C/SPI UARTS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Exar Part No.	Package Type	No. of Channels	GPIOs	CPU Interface	Data Rate 5/3.3/2.5V	Tx/Rx FIFO INT Trig	Supply Voltage (V)	Temperature Range	Price Each		
										1	25	100
701-XR20M1280IL24-F	XR20M1280IL24-F	QFN-24	1	4	I2C/SPI	na/24/na	Yes	1.62-3.63	-40°C to 85°C	4.50	3.96	3.42
701-XR20M1280IL32-F	XR20M1280IL32-F	QFN-32	1	8	I2C/SPI	na/24/na	Yes	1.62-3.63	-40°C to 85°C	4.58	4.03	3.48
701-XR20M1280IL40-F	XR20M1280IL40-F	QFN-40	1	16	I2C/SPI	na/24/na	Yes	1.62-3.63	-40°C to 85°C	4.65	4.09	3.53

EXAR GPIO EXPANDERS

- Features:**
- Interrupt Output Pin
 - 5V Tolerant Inputs
 - Supply Voltage: 1.65-3.6
 - Operating Temperature: -40°C to 85°C



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MOUSER STOCK NO.	Exar Part No.	Package Type	No. of GPIOs	Reset Input Pin	Integrated Level Shifters	Internal Pull-up Resistors Enabled @ Power-up	Clock Freq. (Max.) (KHz)	Operating Freq. (Max.) (KHz)	Output Current (mA)	Price Each		
										1	25	100
I2C												
701-XRA1200IG16-F	XRA1200IG16-F	TSSOP-16	8	No	No	No	400	100	160	2.09	1.54	1.40
701-XRA1200IL16-F	XRA1200IL16-F	QFN-16	8	No	No	No	400	100	160	2.17	1.60	1.45
701-XRA1200PIG16-F	XRA1200PIG16-F	TSSOP-16	8	No	No	Yes	400	100	160	2.09	1.54	1.40
701-XRA1200PIL16-F	XRA1200PIL16-F	QFN-16	8	No	No	Yes	400	100	160	2.17	1.60	1.45
701-XRA1201IG24-F	XRA1201IG24-F	TSSOP-24	16	No	No	No	400	100	160	3.08	2.27	2.06
701-XRA1201IL24-F	XRA1201IL24-F	QFN-24	16	No	No	No	400	100	160	3.23	2.38	2.16
701-XRA1201PIG24-F	XRA1201PIG24-F	TSSOP-24	16	No	No	Yes	400	100	160	3.08	2.27	2.06
701-XRA1201PIL24-F	XRA1201PIL24-F	QFN-24	16	No	No	Yes	400	100	160	3.23	2.38	2.16
701-XRA1202IG16-F	XRA1202IG16-F	TSSOP-16	8	Yes	No	No	400	100	160	2.09	1.54	1.40
701-XRA1202IL16-F	XRA1202IL16-F	QFN-16	8	Yes	No	No	400	100	160	2.17	1.60	1.45
701-XRA1203IG24-F	XRA1203IG24-F	TSSOP-24	16	Yes	No	No	400	100	160	3.08	2.27	2.06
701-XRA1203IL24-F	XRA1203IL24-F	QFN-24	16	Yes	No	No	400	100	160	3.23	2.38	2.16
701-XRA1206IG16-F	XRA1206IG16-F	TSSOP-16	8	Yes	Yes	No	400	100	160	2.09	1.54	1.40
701-XRA1206IL16-F	XRA1206IL16-F	QFN-16	8	Yes	Yes	No	400	100	160	2.17	1.60	1.45
701-XRA1207IG24-F	XRA1207IG24-F	TSSOP-24	16	Yes	Yes	No	400	100	160	3.08	2.27	2.06
701-XRA1207IL24-F	XRA1207IL24-F	QFN-24	16	Yes	Yes	No	400	100	160	3.23	2.38	2.16
SPI												
701-XRA1402IG16-F	XRA1402IG16-F	TSSOP-16	8	Yes	No	No	26	15	160	2.09	1.54	1.40
701-XRA1402IL16-F	XRA1402IL16-F	QFN-16	8	Yes	No	No	26	15	160	2.17	1.60	1.45
701-XRA1403IG24-F	XRA1403IG24-F	TSSOP-24	16	Yes	No	No	26	15	160	3.08	2.27	2.06
701-XRA1403IL24-F	XRA1403IL24-F	QFN-24	16	Yes	No	No	26	15	160	3.23	2.38	2.16
701-XRA1404IG16-F	XRA1404IG16-F	TSSOP-16	8	No	Yes	No	26	15	160	2.17	1.60	1.45
701-XRA1404IL16-F	XRA1404IL16-F	QFN-16	8	No	Yes	No	26	15	160	2.17	1.60	1.45
701-XRA1405IG24-F	XRA1405IG24-F	TSSOP-24	16	No	Yes	No	26	15	160	3.08	2.27	2.06
701-XRA1405IL24-F	XRA1405IL24-F	QFN-24	16	No	Yes	No	26	15	160	3.23	2.38	2.16

EXAR ANALOG TO DIGITAL CONVERTERS



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Exar Part No.	Package Type	No. of Channels	Resolution (bits)	Conversion Rate (MSPS)	Power Dis. (mW)	Track/Hold	Vref (V)	Temperature Range	Price Each		
										1	25	100
701-XRD64L43AIV-F	XRD64L43AIV-F	LQFP-64	2	10	40	225	Yes	1-3	-40°C to 85°C	22.05	19.60	16.66

EXAR LINE INTERFACE UNITS

XRT Series T1/E1 Framer Combos



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MOUSER STOCK NO.	Exar Part No.	Package Type	Temperature Range	Function	No. of Channels	Clock Rec	Data Rates	Long Haul/ Short Haul	Price Each		
									1	25	100
701-XRT6164AID-F	XRT6164AID-F	SOIC-16	-40 to 85°C	Digital LIU TxRx	1	No	64Kbps/E1	SH	12.48	9.97	9.48
701-XRT83L30IV-F	XRT83L30IV-F	LQFP64	-40 to 85°C	LH/SH LIU	1	Yes	T1/E1/J1	SH/LH	19.67	17.48	15.73
701-XRT86VX38IB256-F	XRT86VX38IB256-F	PBGA-256	-40 to 85°C	LIU/Framer Combo	8	Yes	T1/E1/J1	Both	48.49	41.27	39.05

DS1-E1 Series

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Exar Part No.	Package Type	Temperature Range	No. of Channels	Data Rate(s)	Clock Rec	SH/LH	Operating Power Supply (Max)	Price Each	
									1	25
701-XRT5683AID-F	XRT5683AID-F	SOIC-18	Industrial, -45°C to 85°C	1	T1, E1, T2, E2	Yes w/tank Ckt	S	V±5%, 40mA	6.23	6.03
701-XRT59L91ID-F	XRT59L91ID-F	SOIC-16	-40°C to 85°C	1	E1	No	S	3.3V±5%	4.18	4.05
701-XRT5894IV-F	XRT5894IV-F	TQFP-64	-40°C to 85°C	4	E1	No	S	3.3V, 5V±5%	16.50	15.98

DS3-E3 Series



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Exar Part No.	Package Type	Temperature Range	No. of Channels	Data Rate(s)	Clock Rec	SH/LH	Operating Power Supply (Max)	Price Each	
									1	10
701-XRT72L52IQ-F	XRT72L52IQ-F	PQFP-160	-40 to 85°C	2	DS3/E3	-	-	3V	48.64	42.23
701-XRT7300IV-F	XRT7300IV-F	TQFP-44	-40 to 85°C	1	DS3/E3/STS-1	Yes	n/a	5V	47.70	39.75
701-XRT75VL00DIV-F	XRT75VL00DIV-F	TQFP-52	-40 to 85°C	1	DS3/E3/STS-1	Yes	n/a	3V	39.08	33.22
701-XRT7295ATIWF	XRT7295ATIWF	SOJ-20	Industrial, -45 to 85°C	1	E3	Yes	n/a	5V ±5%, 106mA	37.66	30.16