

CYPRESS Memory



RoHS Compliant **This product is RoHS compliant.**

Cypress is an industry leader in synchronous, fast asynchronous, low power asynchronous and non-volatile SRAMs, as well as in multi-port solutions and FIFO products. The company remains an optimal solution for a memory market characterized by a shrinking supplier base and dwindling product portfolios. As companies continue to abandon the market, Cypress remains an innovative, reliable, committed supplier for your memory needs. Our long-term commitment to the broadest product line, product development, industry longevity, and most advanced technology sets Cypress apart as a memory supplier of choice. Whatever your application—from handhelds to network gear—Cypress's memory lineup is a testament to versatility: micropower, fast-asynchronous, synchronous, and nonvolatile SRAMs, as well as multi-port, FIFO, and serial EEPROM memories. In a market landscape dotted by "EOL", Cypress gives you the support and confidence you need for the long run.

Cypress provides the broadest portfolio of fast asynchronous SRAMs from 4Kb to 32Mb available in industry standard voltage, bus width, and package options. These devices offer the fastest access times available, making them optimal for network equipment. The company's fast asynchronous SRAMs are supported by best-in-class process technology, manufacturing and customer support. The fast asynchronous SRAMs are offered in RoHS-compliant, industry-standard packaging options such as: FBGA, VFBGA, SOJ, TSOP, TSOP II, and PDIP, in industrial temperature range.

Advantages:

- Access time: 10ns in industrial temperature range
- Low Power Dissipation
- Industry standard packaging options and RoHS compliant

- Cutting edge of process technology: 90nm
- Industrial and automotive temperature ranges

Applications:

- Switches and routers
- IP-phones
- Test equipment
- DSLAM cards
- Automotive electronics

Memory

Cypress

ASYNCHRONOUS SRAM



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cypress Part No.	Package	Density	Organization	Speed (ns)	Temperature Range (°C)	Operating Voltage (V)	Price Each		
								1	25	50
727-CY7C199D-10VXI	CY7C199D-10VXI	SOJ-28	256K	32Kx8	10	-40 to +85	4.5 to 5.5	1.79	1.22	1.17
727-CY7C199D-10ZXI	CY7C199D-10ZXI	TSOP I-28	256K	32Kx8	10	-40 to +85	4.5 to 5.5	2.03	1.22	1.17
727-CY7C1399BN-12VXC	CY7C1399BN-12VXC	SOJ-28	256K	32Kx8	12	0 to +70	3.0 to 3.6	1.85	1.48	1.24
727-CY7C1399BN-12VXI	CY7C1399BN-12VXI	SOJ-28	256K	32Kx8	12	-40 to +85	3.0 to 3.6	1.85	1.48	1.24
727-CY7C1399BN-12ZXC	CY7C1399BN-12ZXC	TSOP I-28	256K	32Kx8	12	0 to +70	3.0 to 3.6	2.05	1.64	1.43
727-CY7C1399BN-15ZXI	CY7C1399BN-15ZXI	TSOP I-28	256K	32Kx8	12	-40 to +85	3.0 to 3.6	2.05	1.64	1.43
727-CY7C199CN-15PXC	CY7C199CN-15PXC	SOJ-28	256K	32Kx8	15	0 to +70	4.5 to 5.5	1.44	1.38	1.22
727-CY7C199CNL-15VXI	CY7C199CNL-15VXI	SOJ-28	256K	32Kx8	15	-40 to +85	4.5 to 5.5	1.66	1.58	1.40
727-CYC197N25PXC	CY7C197N-25PXC	PDIP-24	256K	256Kx1	25	0 to +70	4.5 to 5.5	15.24	14.48	13.71
727-C1020DV33-10ZSXI	CY7C1020DV33-10ZSXI	TSOP II-44	512K	32Kx16	10	-40 to +85	3.0 to 3.6	3.60	2.40	2.32
727-CY020CV26-15ZSXE	CY7C1020CV26-15ZSXE	TSOP II-44	512K	32Kx16	15	-40 to +125	2.5 to 2.7	4.86	4.29	4.19
727-CY7C1009D-10VXI	CY7C1009D-10VXI	SOJ-32	1M	128Kx8	10	-40 to +85	4.5 to 5.5	3.60	2.40	2.32
727-CY1018DV33-10VXI	CY7C1018DV33-10VXI	SOJ-32	1M	128Kx8	10	-40 to +85	3.0 to 3.6	2.88	1.92	1.86
727-C1019DV33-10ZSXI	CY7C1019DV33-10ZSXI	TSOP II-32	1M	128Kx8	10	-40 to +85	3.0 to 3.6	2.88	1.92	1.86
727-CY7C1019D-10VXI	CY7C1019D-10VXI	SOJ-32	1M	128Kx8	10	-40 to +85	4.5 to 5.5	3.04	2.03	1.96
727-CY7C1019D-10ZSXI	CY7C1019D-10ZSXI	TSOP II-32	1M	128Kx8	10	-40 to +85	4.5 to 5.5	3.04	2.03	1.96
727-CY7C109D-10ZXI	CY7C109D-10ZXI	TSOP II-32	1M	128Kx8	10	-40 to +85	4.5 to 5.5	3.04	2.03	1.96
727-CY7C109D-10VXI	CY7C109D-10VXI	SOJ-32	1M	128Kx8	10	-40 to +85	4.5 to 5.5	3.04	2.03	1.96
727-CY7C1021D-10VXI	CY7C1021D-10VXI	SOJ-44	1M	64Kx16	10	-40 to +85	4.5 to 5.5	3.20	2.13	2.06
727-CY7C1021D-10ZSXI	CY7C1021D-10ZSXI	TSOP II-44	1M	64Kx16	10	-40 to +85	4.5 to 5.5	3.20	2.13	2.06
727-CYC21DV3310ZSXI	CY7C1021DV33-10ZSXI	TSOP-44	1M	64Kx16	10	-40 to +85	3 to 3.6	2.70	2.04	1.97
727-CY021DV33-10BVXI	CY7C1021DV33-10BVXI	FBGA-48	1M	64Kx16	10	-40 to +85	3.0 to 3.6	2.70	1.80	1.74
727-CY1021DV33-10VXI	CY7C1021DV33-10VXI	SOJ-44	1M	64Kx16	10	-40 to +85	3.0 to 3.6	2.70	1.80	1.74
727-CY021DV33-10ZSXI	CY7C1021DV33-10ZSXI	TSOP II-44	1M	64Kx16	10	-40 to +85	3.0 to 3.6	2.70	1.80	1.74
727-CY021CV33-12ZSXE	CY7C1021CV33-12ZSXE	TSOP II-44	1M	64Kx16	12	-40 to +125	3.0 to 3.6	4.03	3.75	3.67
727-CY7C1021BNL15ZXI	CY7C1021BNL-15ZXI	TSOP II-44	1M	64Kx16	15	-40 to +85	4.5 to 5.5	3.78	3.33	3.13
727-C1021BNV33L15ZXI	CY7C1021BNV33L-15ZXI	TSOP II-44	1M	64Kx16	15	-40 to +85	3.0 to 3.6	3.00	2.86	2.60
727-CY021CV26-15ZSXE	CY7C1021CV26-15ZSXE	TSOP II-44	1M	64Kx16	15	-40 to +125	2.5 to 2.7	4.86	4.29	4.19
727-62126EVL45ZSXA	CY62126EV30L-45ZSXA	TSOP-44	1M	64Kx16	45	-40 to +85	2.2 to 3.6	4.48	4.25	3.89
727-C1011DV33-10ZSXI	CY7C1011DV33-10ZSXI	TSOP II-44	2M	128Kx16	10	-40 to +85	3.0 to 3.6	4.73	3.15	3.05
727-CY7C1011CV3312ZXE	CY7C1011CV33-12ZSXE	TSOP II-44	2M	128Kx16	12	-40 to +125	3.0 to 3.6	9.45	9.07	8.16
727-CY7C1041D-10ZSXI	CY7C1041D-10ZSXI	TSOP II-44	4M	256Kx16	10	-40 to +85	4.5 to 5.5	6.40	4.80	4.64
727-CYC041DV3310BVXI	CY7C1041DV33-10BVXI	VFBGA-48	4M	256Kx16	10	-40 to +85	3.0 to 3.6	5.10	4.08	3.92
727-CYC1041DV3310VXI	CY7C1041DV33-10VXI	SOJ-44	4M	256Kx16	10	-40 to +85	3.0 to 3.6	5.10	4.08	3.88
727-C1041DV33-10ZSXI	CY7C1041DV33-10ZSXI	TSOP II-44	4M	256Kx16	10	-40 to +85	3.0 to 3.6	5.65	3.83	3.70
727-CYC1041D10VXI	CY7C1041D-10VXI	SOJ-44	4M	256Kx16	10	-40 to +85	4.5 to 5.5	6.40	5.12	4.92
727-C1041BNV33L12ZXC	CY7C1041BNV33L-12ZXC	TSOP II-44	4M	256Kx16	12	0 to +70	3.0 to 3.6	10.66	9.85	9.60
727-CY1041CV3312ZSXE	CY7C1041CV33-12ZSXE	TSOP II-44	4M	256Kx16	12	-40 to +125	3.0 to 3.6	11.50	10.70	9.20
727-C1041CV33-20ZSXE	CY7C1041CV33-20ZSXE	TSOP II-44	4M	256Kx16	20	-40 to +125	3.0 to 3.6	8.91	7.50	7.25
727-CYC1049D10VXI	CY7C1049D-10VXI	SOJ-36	4M	512Kx8	10	-40 to +85	4.5 to 5.5	6.40	4.80	4.64
727-CYC1049DV3310VXI	CY7C1049DV33-10VXI	SOJ-36	4M	512Kx8	10	-40 to +85	3.0 to 3.6	5.10	4.08	3.92
727-7C1049CV3310VXA	CY7C1049CV33-10VXA	SOJ-36	4M	512Kx8	10	-40 to +85	3 to 3.6	9.24	7.98	7.74
727-CYC049DV3310ZSXI	CY7C1049DV33-10ZSXI	TSOP II-44	4M	512Kx8	10	-40 to +85	3.0 to 3.6	5.10	4.08	3.92
727-CYC051DV3310ZSXI	CY7C1051DV33-10ZSXI	TSOP-44	8M	512Kx16	10	-40 to +85	3 to 3.6	23.52	19.46	18.90
727-CY7C1062DV33-10	CY7C1062DV33-10BGXI	BGA-119	16M	512Kx32	10	-40 to +85	3.0 to 3.6	40.85	36.77	34.93
727-CYC1061AV3310ZXC	CY7C1061AV33-10ZXC	TSOP II-54	16M	1Mx16	10	0 to +70	3.0 to 3.6	29.70	27.72	26.73
727-CYC1061AV3310ZXI	CY7C1061AV33-10ZXI	TSOP II-54	16M	1Mx16	10	-40 to +85	3.0 to 3.6	29.70	27.72	26.73
727-CY7C1061DV3310ZS	CY7C1061DV33-10ZSXI	TSOP II-54	16M	1Mx16	10	-40 to +85	3.0 to 3.6	39.60	33.66	31.15
727-CYC1069AV3310ZXC	CY7C1069AV33-10ZXC	TSOP II-54	16M	2Mx8	10	0 to +70	3.0 to 3.6	29.70	27.72	26.73
727-CY7C1069DV3310ZI	CY7C1069DV33-10ZSXI	TSOP II-54	16M	2Mx8	10	-40 to +85	3.0 to 3.6	39.60	35.64	33.50

ASYNCHRONOUS DUAL PORT SRAM

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cypress Part No.	Package	Density	Organization	Speed (ns)	Temperature Range (°C)	Operating Voltage (V)	Price Each		
								1	25	50
727-CYC13515JXC	CY7C13515-JXC	PLCC-52	32K	4Kx8	15	0 to +70	4.5 to 5.5	38.81	36.96	34.65
727-CYC024AV20AXC	CY7C024AV-20AXC	TQFP-100	64K	4Kx16	20	0 to +70	3.0 to 3.6	21.17	18.90	18.90
727-CY7C024A-25JXC	CY7C024A-25JXC	PLCC-84	64K	4Kx16	25	0 to +70	4.5 to 5.5	21.80	19.62	18.44
727-CY7C024AV25AXC	CY7C024AV-25AXC	TQFP-100	64K	4Kx16	25	0 to +70	3.0 to 3.6	13.58	12.67	12.22
727-CY7C024-55JXC	CY7C024-55JXC	PLCC-84	64K	4Kx16	55	0 to +70	4.5 to 5.5	19.20	14.40	13.92
727-CYC144AV25AXC	CY7C144AV-25AXC	TQFP-64	64K	8Kx8	25	0 to +70	3.0 to 3.6	19.40	17.35	16.00
727-CYC025AV25AXI	CY7C025AV-25AXI	TQFP-100	128K	8Kx16	25	-40 to +85	3.0 to 3.6	25.54	24.32	22.80
727-CYC026AV20AXC	CY7C026AV-20AXC	TQFP-100	256K	16Kx16	20	0 to +70	3.0 to 3.6	31.92	30.40	28.50
727-CYC026AV25AXI	CY7C026AV-25AXI	TQFP-100	256K	16Kx16	25	-40 to +85	3.0 to 3.6	32.36	28.91	26.30

