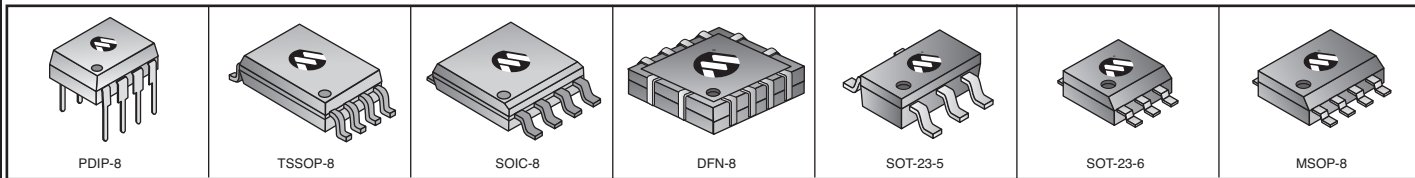


# MICROCHIP Serial EEPROMs



Memory



## SPI™ COMPATIBLE SERIAL EEPROM FAMILY

### Features:

- Range of packages including 8MF, 8SM, 8SN, ST, 8MS, and wafer
- Maximum bus speed of 3-10MHz
- Operating temperature of -40°C to +85°C
- AA=1.8-5.5V, LC=2.5-5.5V

### ◆ Surface Mount Device

MOUSER STOCK NO.		Package Type	Density	Organization	Price Each			
Mfr.	Mfr. Part No.				1	10	25	100
◆	579-25AA010AT-I/OT	SOT-23-6	1K	128 x 8, 1.8V	.40	.34	.33	.31
◆	579-25AA020A-I/SN	SOIC-8	2K	256 x 8, 1.8V	.45	.38	.37	.35
◆	579-25AA040A-I/P	PDIP-8	4K	512 x 8, 1.8V	.55	.46	.45	.43
◆	579-25AA080A-I/MS	MSOP-8	8K	1K x 8, 1.8V	.62	.52	.50	.48
◆	579-25AA080A-I/SN	SOIC-8	8K	1K x 8, 1.8V	.57	.48	.46	.44
◆	579-25AA080B-I/MS	MSOP-8	8K	1K x 8, 1.8V	.62	.52	.50	.48
◆	579-25AA160A-I/P	PDIP-8	16K	2K x 8, 1.8V	.67	.56	.54	.52
◆	579-25AA160B-I/MS	MSOP-8	16K	2K x 8, 1.8V	.64	.54	.52	.50
◆	579-25AA320A-I/SN	SOIC-8	32K	4K x 8, 1.8V	.64	.54	.52	.50
◆	579-25AA256-I/MF	DFN (6x5)-8	256K	32K x 8, 1.8V	1.75	1.46	1.41	1.35
◆	579-25AA256-I/P	PDIP-8	256K	32K x 8, 1.8V	1.54	1.28	1.23	1.18
◆	579-25AA256-I/SN	SOIC-8	256K	32K x 8, 1.8V	1.46	1.22	1.18	1.13
◆	579-25AA256-I/ST	TSSOP-8	256K	32K x 8, 1.8V	1.51	1.26	1.22	1.17
◆	579-25AA512-I/MS	SOIJ-8	512K	64K x 8, 1.8V	2.25	1.88	1.81	1.74
◆	579-25LC010A-I/P	PDIP-8	1K	128 x 8, 2.5V	.50	.42	.41	.39
◆	579-25LC010A-I/OT	SOT-23-6	1K	128 x 8, 2.5V	.40	.34	.33	.31
◆	579-25LC020A-I/MS	MSOP-8	2K	256 x 8, 2.5V	.50	.42	.41	.39
◆	579-25LC020A-I/P	PDIP-8	2K	256 x 8, 2.5V	.53	.44	.43	.41
◆	579-25LC020AT-I/OT	SOT-23-6	2K	256 x 8, 2.5V	.43	.36	.35	.33
◆	579-25LC040-I/P	PDIP-8	4K	512 x 8, 2.5V	.65	.54	.52	.50
◆	579-25LC040A-I/SN	SOIC-8	4K	512 x 8, 2.5V	.48	.40	.39	.37
◆	579-25LC080A-I/MS	MSOP-8	8K	1K x 8, 2.5V	.62	.52	.50	.48

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Package Type	Density	Organization	Price Each			
Mfr.	Mfr. Part No.				1	10	25	100
◆	579-25LC080A-I/P	PDIP-8	8K	1K x 8, 2.5V	.65	.54	.52	.50
◆	579-25LC080A-I/SN	SOIC-8	8K	1K x 8, 2.5V	.57	.48	.46	.44
◆	579-25LC080B-I/MS	MSOP-8	8K	1K x 8, 2.5V	.62	.52	.50	.48
◆	579-25LC080B-I/P	PDIP-8	8K	1K x 8, 2.5V	.65	.54	.52	.50
◆	579-25LC080B-I/ST	SOIC-8	8K	1K x 8, 2.5V	.57	.48	.46	.44
◆	579-25LC160A-I/MS	MSOP-8	16K	2K x 8, 2.5V	.64	.54	.52	.50
◆	579-25LC160A-I/SN	SOIC-8	16K	2K x 8, 2.5V	.60	.50	.48	.46
◆	579-25LC160B-I/MS	MSOP-8	16K	2K x 8, 2.5V	.64	.54	.52	.50
◆	579-25LC160B-I/P	PDIP-8	16K	2K x 8, 2.5V	.67	.56	.54	.52
◆	579-25LC160B-I/ST	SOIC-8	16K	2K x 8, 2.5V	.60	.50	.48	.46
◆	579-25LC320-I/SN	SOIC-8	32K	4K x 8, 2.5V	.74	.62	.60	.57
◆	579-25LC320A-I/MS	MSOP-8	32K	4K x 8, 2.5V	.69	.58	.56	.54
◆	579-25LC640AIP	PDIP-8	64K	8K x 8, 2.5V	.74	.62	.60	.57
◆	579-25LC640AISN	SOIC-8	64K	8K x 8, 2.5V	.67	.56	.54	.52
◆	579-25LC128-I/P	PDIP-8	128K	32K x 8, 2.5V	1.15	.96	.93	.89
◆	579-25LC128-I/ST	SOIC-8	128K	32K x 8, 2.5V	1.08	.90	.87	.83
◆	579-25LC256-I/P	PDIP-8	256K	32K x 8, 2.5V	1.54	1.28	1.23	1.18
◆	579-25LC256-I/ST	SOIC-8	256K	32K x 8, 2.5V	1.46	1.22	1.18	1.13
◆	579-25LC512-I/P	PDIP-8	512K	64K x 8, 2.5V	2.30	1.92	1.85	1.78
◆	579-25LC512-I/ST	SOIC-8	512K	64K x 8, 2.5V	2.23	1.86	1.79	1.72
◆	579-25LC1024-I/MS	SOIC-8	1024K	128K x 8, 2.5V	3.76	3.14	3.02	2.90
◆	579-25C080-I/SN	SOIC-8	8K	1K x 8, 5.5V	.91	.76	.73	.70

## MICROWIRE® COMPATIBLE SERIAL EEPROM FAMILY

### Features:

- Range of packages including 8MF, 8SM, 8SN, ST, 8MS, and wafer
- Maximum bus speed of 3-10MHz
- Operating temperature of -40°C to +85°C
- AA=1.8-5.5V, LC=2.5-5.5V

### ◆ Surface Mount Device

MOUSER STOCK NO.		Package Type	Density	Organization	Price Each			
Mfr.	Mfr. Part No.				1	10	25	100
◆	579-93AA46AT-I/OT	SOT-23-6	1K	128 x 8	.24	.20	.20	.19
◆	579-93AA46B-I/P	PDIP-8	1K	64 x 16	.34	.28	.27	.26
◆	579-93AA46B-I/ST	SOIC-8	1K	64 x 16	.26	.22	.21	.20
◆	579-93AA46BT-I/OT	SOT-23-6	1K	64 x 16	.24	.20	.20	.19
◆	579-93AA46C-I/MS	MSOP-8	1K	128 x 8 or 64 x 16	.33	.28	.27	.26
◆	579-93AA46CT-I/MS	DFN (2x3) 8	1K	128 x 8 or 64 x 16	.38	.32	.31	.30
◆	579-93AA56C-I/SN	SOIC-8	2K	256 x 8 or 128 x 16	.28	.24	.23	.22
◆	579-93AA66C-I/SN	SOIC-8	4K	256 x 8 or 128 x 16	.31	.26	.25	.24
◆	579-93AA76A-I/SN	SOIC-8	8K	1024 x 8	.43	.36	.35	.33
◆	579-93AA76B-I/SN	SOIC-8	8K	512 x 16	.43	.36	.35	.33
◆	579-93AA86A-I/SN	SOIC-8	16K	2048 x 8	.48	.40	.39	.37
◆	579-93AA86B-I/SN	SOIC-8	16K	1024 x 16	.48	.40	.39	.37
◆	579-93C46B-I/P	PDIP-8	1K	64 x 16	.34	.28	.27	.26
◆	579-93C46B-I/ST	SOIC-8	1K	64 x 16	.26	.22	.21	.20
◆	579-93C46BT-I/ST	SOIC-8	1K	64 x 16	.26	.22	.21	.20
◆	579-93LC46A-I/P	PDIP-8	1K	128 x 8	.34	.28	.27	.26
◆	579-93LC46A-I/ST	SOIC-8	1K	128 x 8	.26	.22	.21	.20
◆	579-93LC46B-I/MS	MSOP-8	1K	64 x 16	.31	.26	.25	.24
◆	579-93LC46B-I/P	PDIP-8	1K	64 x 16	.34	.28	.27	.26
◆	579-93LC46BISN	SOIC-8	1K	64 x 16	.26	.22	.21	.20
◆	579-93LC46BX-I/ST	SOIC-8	1K	64 x 16	.26	.22	.21	.20
◆	579-93LC46BT-I/OT	SOT-23-6	1K	64 x 16	.24	.20	.20	.19
◆	579-93LC46C-I/ST	SOIC-8	1K	128 x 8 or 64 x 16	.28	.24	.23	.22

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Package Type	Density	Organization	Price Each			
Mfr.	Mfr. Part No.				1	10	25	100
◆	579-93LC56A-I/P	PDIP-8	2K	256 x 8	.36	.30	.29	.28
◆	579-93LC56A-I/ST	SOIC-8	2K	256 x 8	.28	.24	.23	.22
◆	579-93LC56B-I/P	PDIP-8	2K	128 x 16	.36	.30	.29	.28
◆	579-93LC56BISN	SOIC-8	2K	128 x 16	.28	.24	.23	.22
◆	579-93LC56BT-I/OT	SOT-23-6	2K	128 x 16	.26	.22	.21	.20
◆	579-93LC56C-I/ST	PDIP-8	2K	128 x 8 or 64 x 16	.36	.30	.29	.28
◆	579-93LC56C-I/ST	SOIC-8	2K	128 x 8 or 64 x 16	.28	.24	.23	.22
◆	579-93LC66A-I/P	PDIP-8	4K	512 x 8	.38	.32	.31	.30
◆	579-93LC66A-I/ST	SOIC-8	4K	512 x 8	.31	.26	.25	.24
◆	579-93LC66B-I/MS	MSOP-8	4K	256 x 16	.36	.30	.29	.28
◆	579-93LC66B-I/P	PDIP-8	4K	256 x 16	.38	.32	.31	.30
◆	579-93LC66B-I/ST	SOIC-8	4K	256 x 16	.31	.26	.25	.24
◆	579-93LC66BT-I/OT	SOT-23-6	4K	256 x 16	.28	.24	.23	.22
◆	579-93LC66C-I/ST	PDIP-8	4K	128 x 8 or 64 x 16	.38	.32	.31	.30
◆	579-93LC66C-I/ST	SOIC-8	4K	128 x 8 or 64 x 16	.31	.26	.25	.24
◆	579-93LC76A-I/ST	SOIC-8	8K	1024 x 8	.43	.36	.35	.33
◆	579-93LC76B-I/ST	SOIC-8	8K	512 x 16	.43	.36	.35	.33
◆	579-93LC76C-I/P	PDIP-8	8K	512 x 16 or 1024 x 8	.50	.42	.41	.39
◆	579-93LC86AT-I/OT	SOT-23-6	16K	2048 x 8	.45	.38	.37	.35
◆	579-93LC86B-I/ST	SOIC-8	16K	1024 x 16	.48	.40	.39	.37
◆	579-93LC86C-I/P	PDIP-8	16K	1024 x 16 or 2048 x 8	.55	.46	.45	.43
◆	579-93LC86C-I/ST	SOIC-8	16K	1024 x 16 or 2048 x 8	.48	.40	.39	.37
◆	579-93LC86P	PDIP-8	16K	1024 x 16 or 2048 x 8	1.03	.86	.83	.80

## 34XX02 SERIAL EEPROM

### Features:

- Range of packages including PDIP-8, SOIC-8, TSSOP-8, MSOP-8, and DFN-8
- Maximum Clock Frequency: AA = 400kHz, LC = 1MHz
- Operating Voltage Range: AA = 1.7-5.5V, LC = 2.2-5.5V
- Operating temperature of -40°C to +125°C

### ◆ Surface Mount Device

MOUSER STOCK NO.		Package Type	Density	Organization	Price Each			
Mfr.	Mfr. Part No.				1	10	25	100
◆	579-34AA02-I/MS	MSOP-8	2K	256 x 8, 1.8V	.31	.26	.25	.24
◆	579-34AA02-I/ST	SOIC-8	2K	256 x 8, 1.8V	.26	.22	.21	.20
◆	579-34AA02-I/ST	TSSOP-8	2K	256 x 8, 1.8V	.31	.26	.25	.24
◆	579-34LC02-E/ST	SOIC-8	2K	256 x 8, 2.5V	.33	.28	.27	.26
◆	579-34LC02-E/ST	TSSOP-8	2K	256 x 8, 2.5V	.38	.32	.31	.30
◆	579-34LC02-I/MS	MSOP-8	2K	256 x 8, 2.5V	.31	.26	.25	.24
◆	579-34LC02-I/P	PDIP-8	2K	256 x 8, 2.5V	.28	.24	.23	.22

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Package Type	Density	Organization	Price Each			
Mfr.	Mfr. Part No.				1	10	25	100
◆	579-34LC02-I/ST	SOIC-8	2K	256 x 8, 2.5V	.26	.22	.21	.20
◆	579-34VL02-I/ST	TSSOP-8	2K	256 x 8, 2.5V	.31	.26	.25	.24
◆	579-34VL02/MS	MSOP-8	2K	256 x 8, 1.5V	.45	.38	.37	.35
◆	579-34VL02							