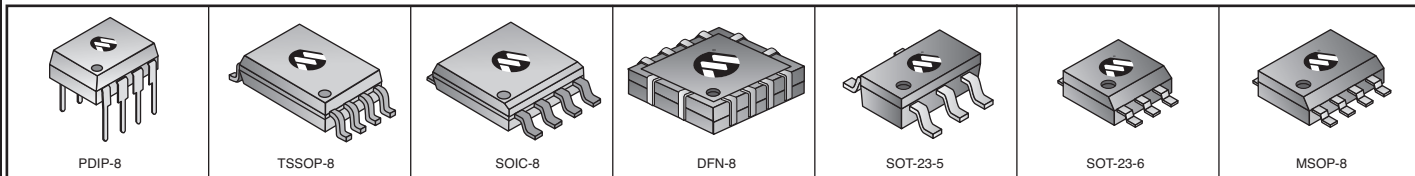


MICROCHIP Serial EEPROMs



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. Mfr. Mfr. Part No. | Package Type | Density | Organization | Price Each | | | |
|--|--------------|---------|---------------|------------|------|------|------|
| | | | | 1 | 10 | 25 | 100 |
| ◆ 579—25AA010AT-I/OT | SOT-23-6 | 1K | 128 x 8, 1.8V | .40 | .34 | .33 | .31 |
| ◆ 579—25AA020A-I/NSN | 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/NSN | 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/P | 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 | 1.53 | 1.28 | 1.23 | 1.18 |
| ◆ 579—25AA256-I/NSN | 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 | SOI-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—25LC010AT-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 | .52 | .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 | .64 | .54 | .52 | .50 |
| ◆ 579—25LC040A-I/NSN | 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. Mfr. Mfr. Part No. | Package Type | Density | Organization | Price Each | | | |
|--|--------------|---------|----------------|------------|------|------|------|
| | | | | 1 | 10 | 25 | 100 |
| ◆ 579—25LC080A-I/P | PDIP-8 | 8K | 1K x 8, 2.5V | .64 | .54 | .52 | .50 |
| ◆ 579—25LC080A-I/NSN | 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 | .64 | .54 | .52 | .50 |
| ◆ 579—25LC080B-I/NSN | 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/P | 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/NSN | SOIC-8 | 16K | 2K x 8, 2.5V | .60 | .50 | .48 | .46 |
| ◆ 579—25LC320-I/NSN | 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—25LC640A-I/P | PDIP-8 | 64K | 8K x 8, 2.5V | .74 | .62 | .60 | .57 |
| ◆ 579—25LC640A-I/NSN | 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/NSN | 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 | 1.53 | 1.28 | 1.23 | 1.18 |
| ◆ 579—25LC256-I/NSN | 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/NSN | 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/NSN | 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. Mfr. Mfr. Part No. | Package Type | Density | Organization | Price Each | | | |
|--|--------------|---------|---------------------|------------|-----|-----|-----|
| | | | | 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 | .33 | .28 | .27 | .26 |
| ◆ 579—93AA46B-I/NSN | 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/MC | DFN (2x3) 8 | 1K | 128 x 8 or 64 x 16 | .38 | .32 | .31 | .30 |
| ◆ 579—93AA56C-I/NSN | SOIC-8 | 2K | 256 x 8 or 128 x 16 | .28 | .24 | .23 | .22 |
| ◆ 579—93AA66C-I/NSN | SOIC-8 | 4K | 256 x 8 or 128 x 16 | .31 | .26 | .25 | .24 |
| ◆ 579—93AA76A-I/NSN | SOIC-8 | 8K | 1024 x 8 | .43 | .36 | .35 | .33 |
| ◆ 579—93AA76B-I/NSN | SOIC-8 | 8K | 512 x 16 | .43 | .36 | .35 | .33 |
| ◆ 579—93AA86A-I/NSN | SOIC-8 | 16K | 2048 x 8 | .48 | .40 | .39 | .37 |
| ◆ 579—93AA86B-I/NSN | SOIC-8 | 16K | 1024 x 16 | .48 | .40 | .39 | .37 |
| ◆ 579—93C46B-I/P | PDIP-8 | 1K | 64 x 16 | .33 | .28 | .27 | .26 |
| ◆ 579—93C46B-I/NSN | SOIC-8 | 1K | 64 x 16 | .26 | .22 | .21 | .20 |
| ◆ 579—93C46BT-I/NSN | SOIC-8 | 1K | 64 x 16 | .26 | .22 | .21 | .20 |
| ◆ 579—93LC46A-I/P | PDIP-8 | 1K | 128 x 8 | .33 | .28 | .27 | .26 |
| ◆ 579—93LC46A-I/NSN | 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 | .33 | .28 | .27 | .26 |
| ◆ 579—93LC46B-I/NSN | SOIC-8 | 1K | 64 x 16 | .26 | .22 | .21 | .20 |
| ◆ 579—93LC46B-I/ST | TSSOP-8 | 1K | 64 x 16 | .33 | .28 | .27 | .26 |
| ◆ 579—93LC46B-I/NSN | 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/NSN | 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. Mfr. Mfr. Part No. | Package Type | Density | Organization | Price Each | | | |
|--|--------------|---------|-----------------------|------------|-----|-----|-----|
| | | | | 1 | 10 | 25 | 100 |
| ◆ 579—93LC56A-I/P | PDIP-8 | 2K | 256 x 8 | .36 | .30 | .29 | .28 |
| ◆ 579—93LC56A-I/NSN | 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—93LC56B-I/NSN | 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/P | PDIP-8 | 2K | 128 x 8 or 64 x 16 | .36 | .30 | .29 | .28 |
| ◆ 579—93LC56C-I/NSN | 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/NSN | 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/NSN | 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/P | PDIP-8 | 4K | 128 x 8 or 64 x 16 | .38 | .32 | .31 | .30 |
| ◆ 579—93LC66C-I/NSN | SOIC-8 | 4K | 128 x 8 or 64 x 16 | .31 | .26 | .25 | .24 |
| ◆ 579—93LC76A-I/NSN | SOIC-8 | 8K | 1024 x 8 | .43 | .36 | .35 | .33 |
| ◆ 579—93LC76B-I/NSN | 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/NSN | 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/NSN | 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. Mfr. Mfr. Part No. | Package Type | Density | Organization | Price Each | | | |
|--|--------------|---------|---------------|------------|-----|-----|-----|
| | | | | 1 | 10 | 25 | 100 |
| ◆ 579—34AA02-I/MS | MSOP-8 | 2K | 256 x 8, 1.8V | .31 | .26 | .25 | .24 |
| ◆ 579—34AA02-I/NSN | 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/NSN | 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 | .33 | .28 | .27 | .26 |

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. Mfr. Mfr. Part No. | Package Type | Density | Organization | Price Each | | | |
|--|--------------|---------|---------------|------------|-----|-----|-----|
| | | | | 1 | 10 | 25 | 100 |
| ◆ 579—34LC02-I/NSN | 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/I/MS | MSOP-8 | 2K | 256 x 8, 1.5V | .45 | .38 | .37 | .35 |
| ◆ 579—34VL02/P | PDIP-8 | 2K | 256 x 8, 1.5V | .48 | .40 | .39 | .37 |
| ◆ 579—34VL02/NSN | SOIC-8 | 2K | 256 x 8, 1.5V | .40 | .34 | .33 | .31 |
| ◆ 579—34VL02/ST | TSSOP-8 | 2K | 256 x 8, 1.5V | .45 | .38 | .37 | .35 |