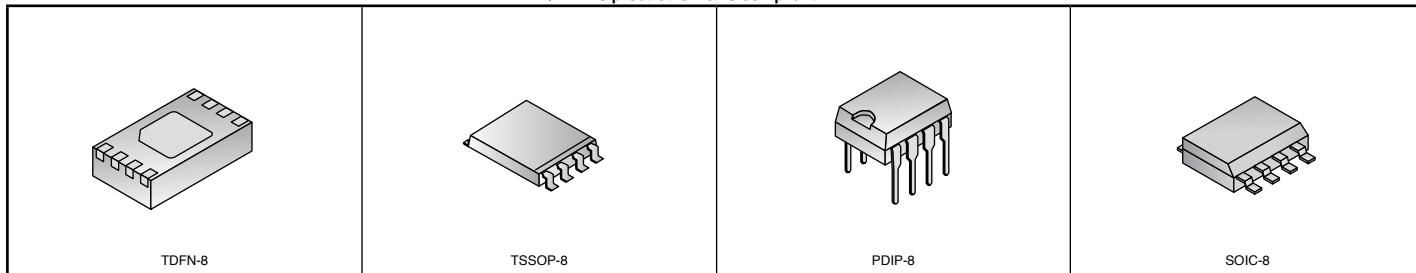


ON SEMICONDUCTOR Serial EEPROMs

ON Semiconductor®



RoHS Compliant This product is RoHS compliant.



Memory

Catalyst

CATALYST I²C BUS (2-WIRE) TEMPERATURE SENSOR WITH ON BOARD SPD EEPROM

Features:

- JEDEC J42.4 Compliant Temperature Sensor
- Schmitt Triggers and Noise Suppression Filters on SCL and SDA Inputs
- DDR3 DIMM compliant SPD EEPROM
- Low Power CMOS Technology

◆ **Surface Mount** RoHS Compliant

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Catalyst Part No.	Case Type	Temperature Reesolution (°C)	Conversion Time (ms)	Temperature Range (°C)	Operating Voltage (V)	Price Each			
							1	25	100	250
◆ 863-CAT34TS02VP2GT4A	CAT34TS02VP2GT4A	TDFN-8	0.0625	100	-45 to 125	3.3 to ±10%	1.20	1.08	.96	.84

CATALYST I²C BUS (2-WIRE) LOW STANDBY CURRENT, PARTIAL ARRAY WRITE PROTECTION

Features:

- 16-Byte Page Write Buffer
- Hardware Write Protection for entire memory
- Software Write Protection for lower 128 Bytes
- Schmitt Triggers and Noise Suppression Filters on I²C Bus Inputs (SCL and SDA).
- Low power CMOS technology
- 1,000,000 program/erase cycles
- 100 year data retention

◆ **Surface Mount** RoHS Compliant

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Catalyst Part No.	Case Type	Density	Organization	Temperature Range (°C)	Operating Voltage (V)	Price Each			
							1	25	100	250
◆ 863-CAT34C02HU4IGT4A	CAT34C02HU4IGT4A	UDFN-8	2K	256 x 8	-40 to +85	1.7 to 5.5	2.19	1.81	1.38	1.03
◆ 698-CAT34C02YI-G	CAT34C02YI-G	TSSOP-8	2K	256 x 8	-40 to +85	1.8 to 5.5	.72	.55	.486	.423

CATALYST I²C BUS (2-WIRE) LOW STANDBY CURRENT, FULL ARRAY WRITE PROTECTION

Features:

- 16-Byte Page Write Buffer
- Hardware Write Protection for entire memory
- Schmitt Triggers and Noise Suppression Filters on I²C Bus Inputs (SCL and SDA).
- Low power CMOS technology
- 1,000,000 program/erase cycles
- 100 year data retention

◆ **Surface Mount** RoHS Compliant

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Catalyst Part No.	Case Type	Density	Organization	Temperature Range (°C)	Operating Voltage (V)	Price Each			
							1	25	100	250
◆ 698-CAT24C01LI-G	CAT24C01LI-G	PDIP-8	1K	128 x 8	-40 to +85	1.8 to 5.5	.66	.51	.445	.387
◆ 698-CAT24C01WI-G	CAT24C01WI-G	SOIC-8	1K	128 x 8	-40 to +85	1.8 to 5.5	.44	.32	.28	.243
◆ 698-CAT24C01WI-GT3	CAT24C01WI-GT3	SOIC-8	1K	128 x 8	-40 to +85	1.8 to 5.5	.52	.34	.281	.234
◆ 698-CAT24C01YI-G	CAT24C01YI-G	TSSOP-8	1K	128 x 8	-40 to +85	1.8 to 5.5	.67	.53	.517	.477
◆ 698-CAT24C02LI-G	CAT24C02LI-G	PDIP-8	2K	256 x 8	-40 to +85	1.8 to 5.5	.76	.58	.512	.446
◆ 863-CAT24C02VP2IGT3A	CAT24C02VP2IGT3A	TDFN-8	2K	256 x 8	-40 to +85	1.8 to 5.5	1.76	1.46	1.11	.836
◆ 698-CAT24C02WI-G	CAT24C02WI-G	SOIC-8	2K	256 x 8	-40 to +85	1.8 to 5.5	.40	.33	.296	.248
◆ 698-CAT24C02WI-GT3	CAT24C02WI-GT3	SOIC-8	2K	256 x 8	-40 to +85	1.8 to 5.5	.26	.24	.229	.21
◆ 698-CAT24C02YI-G	CAT24C02YI-G	TSSOP-8	2K	256 x 8	-40 to +85	1.8 to 5.5	.65	.51	.503	.465
◆ 698-CAT24C02YI-GT3	CAT24C02YI-GT3	TSSOP-8	2K	256 x 8	-40 to +85	1.8 to 5.5	.50	.32	.266	.222
◆ 698-CAT24C03YI-GT3	CAT24C03YI-GT3	TSSOP-8	2K	256 x 8	-40 to +85	1.8 to 5.5	.57	.43	.386	.211
◆ 698-CAT24C04LI-G	CAT24C04LI-G	PDIP-8	4K	512 x 8	-40 to +85	1.8 to 5.5	.74	.57	.499	.434
◆ 698-CAT24C04WI-G	CAT24C04WI-G	SOIC-8	4K	512 x 8	-40 to +85	1.8 to 5.5	.50	.36	.314	.273
◆ 698-CAT24C04WI-GT3	CAT24C04WI-GT3	SOIC-8	4K	512 x 8	-40 to +85	1.8 to 5.5	.32	.27	.261	.243
◆ 698-CAT24C04YI-G	CAT24C04YI-G	TSSOP-8	4K	512 x 8	-40 to +85	1.8 to 5.5	.74	.58	.569	.528
◆ 698-CAT24C04YI-GT3	CAT24C04YI-GT3	TSSOP-8	4K	512 x 8	-40 to +85	1.8 to 5.5	.32	.27	.261	.242
◆ 698-CAT24C05WI-GT3	CAT24C05WI-GT3	SOIC-8	4K	512 x 8	-40 to +85	1.8 to 5.5	.75	.57	.51	.442
◆ 698-CAT24C05YI-GT3	CAT24C05YI-GT3	TSSOP-8	4K	512 x 8	-40 to +85	1.8 to 5.5	.75	.57	.51	.442
◆ 698-CAT24C08LI-G	CAT24C08LI-G	PDIP-8	8K	1024 x 8	-40 to +85	1.8 to 5.5	.82	.63	.553	.481
◆ 698-CAT24C08WI-G	CAT24C08WI-G	SOIC-8	8K	1024 x 8	-40 to +85	1.8 to 5.5	.56	.41	.353	.306
◆ 698-CAT24C08WI-GT3	CAT24C08WI-GT3	SOIC-8	8K	1024 x 8	-40 to +85	1.8 to 5.5	.35	.30	.292	.262
◆ 698-CAT24C16LI-G	CAT24C16LI-G	PDIP-8	16K	2048 x 8	-40 to +85	1.8 to 5.5	.86	.66	.58	.505
◆ 698-CAT24C16WI-G	CAT24C16WI-G	SOIC-8	16K	2048 x 8	-40 to +85	1.8 to 5.5	.58	.42	.363	.314
◆ 698-CAT24C16WI-GT3	CAT24C16WI-GT3	SOIC-8	16K	2048 x 8	-40 to +85	1.8 to 5.5	.65	.42	.348	.29
◆ 698-CAT24C16YI-G	CAT24C16YI-G	TSSOP-8	16K	2048 x 8	-40 to +85	1.8 to 5.5	.90	.73	.701	.64
◆ 698-CAT24C16YI-GT3	CAT24C16YI-GT3	TSSOP-8	16K	2048 x 8	-40 to +85	1.8 to 5.5	.65	.42	.348	.29
◆ 698-CAT24C32LI-G	CAT24C32LI-G	PDIP-8	32K	4096 x 8	-40 to +85	1.8 to 5.5	1.02	.88	.771	.661
◆ 698-CAT24C32WI-G	CAT24C32WI-G	SOIC-8	32K	4096 x 8	-40 to +85	1.8 to 5.5	.75	.58	.505	.44
◆ 698-CAT24C32YI-G	CAT24C32YI-G	TSSOP-8	32K	4096 x 8	-40 to +85	1.8 to 5.5	1.27	1.01	.97	.893
◆ 698-CAT24C64LI-G	CAT24C64LI-G	PDIP-8	64K	8192 x 8	-40 to +85	1.8 to 5.5	1.38	1.14	.987	.849
◆ 698-CAT24C64WI-G	CAT24C64WI-G	SOIC-8	64K	8192 x 8	-40 to +85	1.8 to 5.5	.90	.70	.61	.531
◆ 698-CAT24C64YI-G	CAT24C64YI-G	TSSOP-8	64K	8192 x 8	-40 to +85	1.8 to 5.5	1.62	1.29	1.22	1.14
◆ 698-CAT24C128LI-G	CAT24C128LI-G	PDIP-8	128K	16384 x 8	-40 to +85	1.8 to 5.5	1.55	1.28	1.15	.978
◆ 698-CAT24C128WI-G	CAT24C128WI-G	SOIC-8	128K	16384 x 8	-40 to +85	1.8 to 5.5	1.10	.88	.771	.676
◆ 698-CAT24C256LI-G	CAT24C256LI-G	PDIP-8	256K	32768 x 8	-40 to +85	1.8 to 5.5	2.15	1.78	1.60	1.35
◆ 698-CAT24C256WI-G	CAT24C256WI-G	SOIC-8	256K	32768 x 8	-40 to +85	1.8 to 5.5	2.88	2.56	2.21	1.86
◆ 698-CAT24C256XI	CAT24C256XI	SOIC-8	256K	32768 x 8	-40 to +85	1.8 to 5.5	1.74	1.39	1.31	1.22

CATALYST I²C BUS (2-WIRE) CASCADABLE SERIAL EEPROM

Features:

- 16-Byte Page Write Buffer
- Hardware Write Protection for Entire Memory
- Schmitt Triggers and Noise Suppression Filters on I²C Bus Inputs (SCL and SDA)
- Low Power CMOS Technology
- 1,000,000 Program/Erase Cycles
- 100 Year Data Retention

◆ **Surface Mount** RoHS Compliant

MOUSER STOCK NO.	Catalyst Part No.	Case Type	Density	Organization	Temperature Range (°C)	Operating Voltage (V)	Price Each			
							1	25	100	250
◆ 698-CAT24C164WI-G	CAT24C164WI-G	SOIC-8	16K	2048 x 8	-40 to +85	1.8 to 5.5	1.42	1.09	.917	.786