

Product Overview

CAT24C208: EEPROM Serial 8-Kb Dual Port

For complete documentation, see the data sheet.

The CAT24C208 is an EEPROM Serial 8-Kb Dual Port internally organized as 4 segments of 256 bytes each. The CAT24C208 features a 16-byte page write buffer and can be accessed from either of two separate I2C compatible ports, DSP (SDA, SCL) and DDC (SDA, SCL). Arbitration between the two interface ports is automatic and allows the appearance of individual access to the memory from each interface.

Features

- Supports Standard and Fast I2C Protocol
- 2.5V to 5.5V Operation
- 16-byte Page Write Buffer
- Schmitt Triggers and Noise Protection Filters on I2C Bus Input
- Low Power CMOS Technology
- 1,000,000 Program/Erase Cycles
- 100 Year Data Retention
- Industrial Temperature Ranges
- SOIC 8-Lead Package
- This Device is PbFree, Halogen Free/BFR Free, and RoHS Compliant

For more features, see the data sheet

Applications

- VESA™ Plug-and-Play Applications in LCD Projectors and Monitors

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Type	Density	Organization	Data Transmission Standard	f _{cycle} Max (kHz)	t _{ACC} Max ns	V _{CC} Min (V)	V _{CC} Max (V)	I _{standby} Max (μA)	I _{act} Max (mA)	T Min (°C)	T Max (°C)	Package Type
CAT24C208WI-GT3	0.6667	Pb-free Halide free	Active	Serial	8 kb	1k x 8	I2C	400	-	2.5	5.5	50	1	-40	85	SOIC-8

For more information please contact your local sales support at www.onsemi.com.

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