

製品概要

CAT25020: EEPROM Serial 2-Kb SPI

技術情報は、データシートをご参照ください。

The CAT25020 is a EEPROM Serial 2-Kb SPI device internally organized as 256x8 bits. ON Semiconductor's advanced CMOS Technology substantially reduces device power requirements. It features a 16-byte page write buffer and supports the Serial Peripheral Interface (SPI) protocol. The device is enabled through a Chip Select (CS). In addition, the required bus signals are a clock input (SCK), data input (SI) and data output (SO) lines. The HOLD input may be used to pause any serial communication with the CAT25020 device. This device features software and hardware write protection, including partial as well as full array protection.

特長

- 20 MHz (5 V) SPI Compatible
- 1.8 V to 5.5 V Supply Voltage Range
- SPI Modes (0,0 & 1,1)
- 16-byte Page Write Buffer
- Self-timed Write Cycle
- Hardware and Software Protection
- Block write protection - Protect 1/4, 1/2 or entire EEPROM array
- Low Power CMOS Technology
- 1,000,000 Program/Erase Cycles
- 100 Year Data Retention

For more features, see the data sheet

アプリケーション

- Automotive Systems
- Communications Systems
- Computer Systems
- Consumer Systems
- Industrial Systems

電氣的仕様

製品	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
CAT25020HU4I-GT3	0.22	Pb-free Halide free	Active	Serial	2 kb	256 x 8	SPI	10000	-	1.8	5.5	2	2	-40	85	UDFN-8
CAT25020VI-GT3	0.1267	Pb-free Halide free	Active	Serial	2 kb	256 x 8	SPI	10000	-	1.8	5.5	2	2	-40	85	SOIC-8
CAT25020YI-GT3	0.1267	Pb-free Halide free	Active	Serial	2 kb	256 x 8	SPI	10000	-	1.8	5.5	2	2	-40	85	TSSOP-8

詳細は、弊社 www.onsemi.jp の営業または販売代理店にお問い合わせください。

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