

IS24C32A and IS24C64A 32Kbit and 64Kbit (2-wire) Serial EEPROM

Another Advanced Memory Solution from ISSI



Who Buys It ?

The IS24C32A and IS24C64A have been designed with versatility and compatibility in mind, so they will be valuable non-volatile memory solutions in many types of applications. The biggest growth area for these devices is the digital consumer electronics market. Top applications include: TVs, DECT phones, LCD projectors and monitors, DVD recorders, and set-top boxes. Other uses include: WLAN, industrial controls, energy meters, smart cards, and white goods. ISSI intends to offer IS24C32A and IS24C64A to customers who expect cost-effectiveness and reliability in their purchase.

Price:

In volumes of 10,000, the IS24C32A/B is priced at \$0.34 and IS24C64A/B is priced at \$0.42. Please contact an ISSI sales representative for complete pricing.

Availability:

Samples of both conventional and lead-free packaging are shipping now. Volume production parts will begin February 2005. Datasheets may be obtained from ISSI's web site www.issi.com

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About the Products:

The newly redesigned 32Kbit and 64Kbit Serial EEPROM are compatible with the I²C protocol.

Product Features & Benefits:

- Operating voltage range: 1.8V to 5.5V
- Operates at up to 400KHz with $V_{cc} \geq 2.5V$
- Active current (max): 3mA
- Standby current (max): 6 μ A
- High endurance: 1 million cycles of endurance per byte
- 32 byte Page-write mode
- Reliable Power-on reset circuitry (POR)
- Packages include 150 mil JEDEC 8-pin SOIC, 8-pin TSSOP, and 8-pin DIP
- Industrial and automotive temperature grades available
- Quarter Array Write Protection options available: IS24C32B, IS24C64B

Integrated Silicon Solution, Inc.

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