
SiT8924B-18-0005

Description

This datasheet addendum defines the configuration of custom part number SiT8924B-18-0005, which is a configuration-specific version of the SiTime base SiT8924 datasheet. Please refer to the SiT8924 datasheet and related collateral for further information about this device. You can search for and download the base SiT8924 datasheet from the SiTime website. Go to <https://www.sitime.com/datasheet/sit8924> for more information.

Configuration Information

Custom Part Number: SiT8924B-18-0005

Base Part Number: SiT8924

Silicon Revision: B

Frequency (MHz): 40.000000

Frequency Stability (PPM): ± 30

Supply Voltage (V): 1.8

Temperature Range ($^{\circ}\text{C}$): -40 to 125

Package Size (mm): 2.5x2.0

Feature Pin: Standby

Output Drive Strength: Default

Packaging Options (Append to the end of the custom part number when ordering. For example, order SiT8924B-18-0005 for an 8mm Tape & Reel, 3ku Reel):

- "D": 8mm Tape & Reel, 3ku Reel
- "E": 8mm Tape & Reel, 1ku Reel
- "": (blank) Bulk for sampling only

Table 1. Electrical Characteristics

Parameters	Symbol	Min.	Typ.	Max.	Unit	Condition
Aging						
10-year Total Stability	F_10y	-25	–	+25	ppm	Inclusive of Initial tolerance at 25°C, 10-year aging at 25°C, and variations over operating temperature, rated power supply voltage and load (15 pF ± 10%)

Note: Refer to SiT8924 standard datasheet for all other specifications.

Revision History

Revision: 1

- Revision Date: 02/23/2023
- Initial Release

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Contact Information

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