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## SiT9375A-B320004

### Description

This datasheet addendum defines the configuration of custom part number SiT9375A-B320004, which is a configuration-specific version of the SiTime base SiT9375 datasheet. Please refer to the SiT9375 datasheet and related collateral for further information about this device. You can search for and download the base SiT9375 datasheet from the SiTime website. Go to <https://www.sitime.com/datasheet/sit9375> for more information.

### Configuration Information

Custom Part Number: SiT9375A-B320004

Base Part Number: SiT9375

Silicon Revision: A

Frequency (MHz): 100.000000

Frequency Stability (PPM):  $\pm 50$

Supply Voltage (V): 1.8

Temperature Range ( $^{\circ}\text{C}$ ): -40 to 85

Package Size (mm): 3.2x2.5

Signaling Group: LVPECL, LVDS, HCSL, Low-power HCSL

Signaling Type: LVDS

Feature Pin: OE active high

Reserved: Default

Packaging Options (Append to the end of the custom part number when ordering. For example, order SiT9375A-B320004D for an 8mm Tape & Reel, 3ku Reel):

- "D": 8mm Tape & Reel, 3ku Reel
- "E": 8mm Tape & Reel, 1ku Reel
- "G": 8mm Tape & Reel, 250ku Reel
- "": (blank) Bulk for sampling only

## Electrical Characteristics

Table 1. Electrical Characteristics<sup>[1]</sup>

Parameters	Symbol	Min.	Typ.	Max.	Unit	Condition
<b>Jitter</b>						
RMS Phase Jitter (random)	T_phj	–	150	–	fs	12 kHz to 20 MHz offset frequency integration bandwidth, 100 MHz

**Note:**

1. Refer to SiT9375 standard datasheet for all other specifications.

## Revision History

Revision: 1

- Revision Date: 07/12/2022
- Initial Release

## Corporate Headquarters

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## Contact Information

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