

4-Kb Serial SPD EEPROM for DDR4 DIMM

Manufacturers	ON Semiconductor, LLC
Package/Case	UDFN-8
Product Type	
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for N34C04MU3ETG or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The N34C04 is a EEPROM Serial 4-Kb SPD for DDR4 DIMM, which implements the JEDEC JC42.4 (EE1004-v) Serial Presence Detect (SPD) specification for DDR4 DIMMs and supports the Standard (100 kHz), Fast (400 kHz) and Fast Plus (1 MHz) I2C protocols. One of the two available 2-Kb EEPROM banks (referred to as SPD pages in the EE1004-v specification) is activated for access at power-up. After power-up, banks can be switched via software command. Each of the four 1-Kb EEPROM blocks can be Write Protected by software command.

Features

JEDEC JC42.4 (EE1004-v) Serial Presence Detect (SPD) Compliant

Temperature Range: -40°C to +125°C

Supply Range: 1.7 V – 3.6 V

I2C / SMBus Interface

Schmitt Triggers and Noise Suppression Filters on SCL and SDA Inputs

16-Byte Page Write Buffer

Hardware Write Protection for Entire Memory

Low Power CMOS Technology

2 x 3 x 0.5 mm UDFN Package

These Devices are Pb-Free and are RoHS Compliant

Application

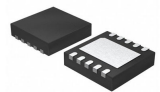
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Related Products



[NCV20061SN3T1G](#)

ON Semiconductor, LLC
TSOP-5



[N34TS04MU3ETG](#)

ON Semiconductor, LLC
UDFN-8



[NCP731ADN330R2G](#)

ON Semiconductor, LLC
MSOP8 EP 3x3



[NB3M8302CDG](#)

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