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N25Q064A13EV741

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Data Sheets (2)

Data Sheet 🔒

N25Q 64Mb 3V, Multiple I/O Serial Flash Memory with Security Data Sheet

Rev. J

File Type: PDF   **Updated:** 12/2014

N25Q
NOR Flash
Serial NOR Flash

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Die Data Sheet 🔒

N25Q064 SPI KGD Die: 3V, Multiple I/O, 4KB Subsector

N25Q064A

File Type: PDF   **Updated:** 07/2013

N25Q
NOR Flash
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Specs

Orderable Parts for: N25Q064A13EV741

SEE ALL SERIAL NOR FLASH PARTS

	Status	Media	FBGA Code	SPD Data	Chipset Validation	PLP	Start Date	Alternative Part
N25Q064A13EV741	Contact Factory	DIE/WAFER	N/A	N/A	N/A	No		N/A

Detailed Specifications

Density	64Mb	Part Status	Contact Factory	Width	x1/x2/x4	Voltage	2.7V-3.6V
Package	KGD	Pin Count	n/a	Speed	108 MHz	RoHS	Yes

Type	Multi I/O	Op Temp	-40C to +85C	Applications	Embedded	Part Family	N25Q
Media							

Sim Models & Software

Software

Software Driver 🔒

N25Q (16Mb, 32Mb, 64Mb, 128Mb, 256Mb, 512Mb, 1Gb) General Low-Level Driver v2.1 (ZIP)

General low-level driver for N25Q serial NOR. Download the technical note for this driver here.

Automotive
Embedded
N25Q
NOR Flash
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File Type: ZIP   **Updated:** 08/31/2015

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RoHS Certificates

RoHS Certificates

RoHS Certificate of Compliance (PDF)

Part-specific certification of how this product meets the requirements of the current DIRECTIVE 2002/95/EC, a.k.a. Restriction of Hazardous Substances (RoHS) Directive.

File Type: (PDF)   **Updated:** 12/2017

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RoHS Certificates

China RoHS Certificate (PDF)

Part-specific certification as required by China's Management Methods for Controlling Pollution by Electronic Information Products.

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Documentation & Support

See All Serial NOR Flash Documentation

Technical Notes

Technical Notes

TN-12-11: N25Q Serial NOR Flash Memory Software Device Drivers (PDF)

(TN-12-11) This technical note provides a description of the C library source code for Micron N25Q serial NOR Flash memory devices. Download the low-level driver described in this document

File Type: PDF   **Updated:** 05/08/2013

Automotive
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Technical Notes

TN-12-14: Comparing Micron N25Q and Macronix MX25L Flash Devices (PDF)

(TN-12-14) This technical note compares features of the Micron N25Q (32Mb or 64Mb) and Macronix MX25L Flash memory devices.

File Type: PDF   **Updated:** 07/18/2011

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Technical Notes

TN-12-12: Comparing Micron N25Q and M25P Flash Devices (PDF)

(TN-12-12) This technical note compares features of the Micron N25Q serial Flash family and M25P Flash memory devices.

File Type: PDF   **Updated:** 07/18/2011

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M25P
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Technical Notes

TN-12-16: Comparing Micron N25Q and SST SST26WF Flash Devices (PDF)

(TN-12-16) This technical note compares features of the Micron N25Q (32Mb or 64Mb) and SST SST26WF Flash memory devices.

File Type: PDF   **Updated:** 07/18/2011

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Technical Notes

TN-12-30: NOR Flash Cycling Endurance and Data Retention (PDF)

(TN-12-30) This technical note defines the industry standards for this testing, Micron's NOR Flash testing methodology, and the two key metrics used to measure NOR device failure: cycling endurance and data retention.

File Type: PDF   **Updated:** 11/15/2017

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TN-25-01: Migrating from Micron's N25Q to Micron's MT25Q (PDF)

NOR Flash
Serial NOR Flash

(TN-25-01) This technical note describes the process for converting a system design from the Micron N25Q Flash memory device to the Micron MT25Q Flash memory device. PCN's 32162, 32163

File Type: PDF   **Updated:** 11/10/2017

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TN-25-04: Migrating to Micron's MT25Q 512Mb Flash Device (PDF)

NOR Flash
Serial NOR Flash

(TN-25-04) This technical note compares the features of the Micron MT25Q (512Mb) Flash memory device with the Macronix MX66L51235F Flash memory device.

File Type: PDF   **Updated:** 06/29/2017

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TN-25-36: Migrating from M25PE to MT25Q 128Mb (PDF)

Embedded
NOR Flash
Serial NOR Flash

(TN-25-36) Migrating from Micron M25PE to Micron MT25Q 128Mb

File Type: PDF   **Updated:** 06/15/2017

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TN-25-35: Migrating from M25PX to MT25Q (PDF)

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NOR Flash
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(TN-25-35) This technical note compares the features of the M25PX Flash memory devices with the MT25QL128 Flash memory devices.

File Type: PDF   **Updated:** 06/15/2017

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SEARCH (41) SERIAL NOR FLASH TECHNICAL NOTES

Parts with the same Data Sheet (5)

N25Q064A13EV741 (Current)	N25Q064A13E1241F	N25Q064A13E1247E	N25Q064A13ESF42F
Part Status **Contact Factory**	Contact Factory	Obsolete	Obsolete
Density **64Mb**	64Mb	64Mb	64Mb

Width	**x1/x2/x4**	x1/x2/x4	x1/x2/x4	x1/x2/x4
Voltage	**2.7V-3.6V**	2.7V-3.6V	2.7V-3.6V	2.7V-3.6V
Package	**KGD**	**T-PBGA**	**T-PBGA**	**SO16 Wide**
Pin Count	**n/a**	**24-ball**	**24-ball**	**16-pin**
Speed	**108 MHz**	108 MHz	108 MHz	108 MHz
RoHS	**Yes**	Yes	Yes	Yes
Type	**Multi I/O**	Multi I/O	Multi I/O	Multi I/O
Op Temp	**-40C to +85C**	-40C to +85C	-40C to +85C	-40C to +85C
Applications	**Embedded**	Embedded	Embedded	Embedded
Part Family	**N25Q**	N25Q	N25Q	N25Q
Media		**Tape & Reel**	**Tray**	**Tape & Reel**

N25Q064A13EV741
(Current)

Part Status	**Contact Factory**
Density	**64Mb**
Width	**x1/x2/x4**
Voltage	**2.7V-3.6V**
Package	**KGD**
Pin Count	**n/a**
Speed	**108 MHz**
RoHS	**Yes**
Type	**Multi I/O**
Op Temp	**-40C to +85C**
Applications	**Embedded**
Part Family	**N25Q**
Media	

Where to Buy

...us	Media	FBGA Code	SPD Data	Chipset Validation	PLP	Start Date	Alternative Part
...act ...ory	DIE/WAFER	N/A	N/A	N/A	No		N/A

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