ADD   EMAIL

N25Q064A13ESF42F

| DATA SHEETS (1) | SPECS | SIM MODELS & SOFTWARE | ROHS CERTIFICATES | DOCUMENTATION & SUPPORT | PARTS WITH THE SAME DATA SHEET (5) | WHERE TO BUY | DATA SHEETS (1) | SPECS | SIM MODELS SOFTW |

Data Sheets (1)

Data Sheet 🔒

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

N25Q
NOR Flash
Serial NOR Flash

Rev. J

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

VIEW   DOWNLOAD

Specs

Orderable Parts for: N25Q064A13ESF42F

SEE ALL SERIAL NOR FLASH PARTS

	Status	Media	FBGA Code	SPD Data	Chipset Validation	PLP	Start Date	Alternative Part
N25Q064A13ESF42F	Obsolete	Tape & Reel	N/A	N/A	N/A	No		N/A

Detailed Specifications

Density	64Mb	Part Status	Obsolete	Width	x1/x2/x4	Voltage	2.7V-3.6V
Package	SO16 Wide	Pin Count	16-pin	Speed	108 MHz	RoHS	Yes
Type	Multi I/O	Op Temp	-40C to +85C	Applications	Embedded	Part Family	N25Q
Media	Tape & Reel						

Sim Models & Software

Sim Models

IBIS	
IBIS_N25Q064A13EPP4 v1.5 **(ZIP)**	Embedded N25Q NOR Flash Serial NOR Flash
PP= 12, 53, F6, F8, SE, SF, W7, W9, V1, V7.	
File Type: ZIP **Updated:** 09/18/2014	**DOWNLOAD**

Verilog	
Verilog model, N25Q, 64Mb, 3V, v1.2 **(GZ)**	Embedded N25Q NOR Flash
Micron XIP, Hold pin	
File Type: GZ **Updated:** 01/08/2014	**DOWNLOAD**

Software

Software Driver 🔒	
N25Q (16Mb, 32Mb, 64Mb, 128Mb, 256Mb, 512Mb, 1Gb) General Low-Level Driver v2.1 (ZIP)	Automotive Embedded N25Q NOR Flash See More Tags
General low-level driver for N25Q serial NOR. Download the technical note for this driver here.	
File Type: ZIP **Updated:** 08/31/2015	**DOWNLOAD**

RoHS Certificates

RoHS Certificates	
RoHS Certificate of Compliance (PDF)	
Part-specific certification of how this product meets the requirements of the current DIRECTIVE 2011/65/EU and 2015/863/EU, a.k.a. Restriction of Hazardous Substances (RoHS) Directive (Recast) without exemptions.	
File Type: (PDF) **Updated:** 08/2018	**DOWNLOAD**

RoHS Certificates	
China RoHS Certificate (PDF)	
Part-specific certification as required by China's Management Methods for Controlling Pollution by	

Electronic Information Products.

File Type: (PDF)   **Updated:** 08/2018

<div align="right">

DOWNLOAD

</div>

Documentation & Support

<div align="center">

See All Serial NOR Flash Documentation

Technical Notes

SEARCH (42) SERIAL NOR FLASH TECHNICAL NOTES

</div>

`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
Embedded
N25Q
NOR Flash
See More Tags

DOWNLOAD

`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

Automotive
Enterprise Storage
N25Q
NOR Flash
See More Tags

DOWNLOAD

`Technical Notes`

TN-12-29: Reset Configurations for MT25Q, MT25T, and N25Q Flash Memory Devices (PDF)

(TN-12-29) This technical note provides a list of the reset configurations available for MT25Q, MT25T, and N25Q Flash memory devices.

File Type: PDF   **Updated:** 03/05/2018

Automotive
Embedded
N25Q
NOR Flash
See More Tags

DOWNLOAD

`Technical Notes`

TN-25-38: Power Supply Considerations for NOR Flash Devices (PDF)

(TN-25-38) This technical note provides direction on how to properly apply and remove the power supply to a NOR Flash device from the MT25Q, MT25T, and MT35X families.

Embedded
NOR Flash
Serial NOR Flash

Customer Service Notes

SEE ALL CUSTOMER SERVICE NOTES

Customer Service Note

Product Marks, Product Labels, and Packaging Labels (PDF)

(CSN-11) The first section of this customer service note describes the product marks and labels we place on our devices. The second section describes the labels used on and in our packaging.

3D XPoint
Client
Cloud
Cloud
See More Tags

File Type: PDF   **Updated:** 08/24/2018   **DOWNLOAD**

Customer Service Note

Micron BGA Manufacturer's User Guide (PDF)

(CSN-33) Provides information to enable customers to easily integrate both leading-edge and legacy Micron's ball grid array (BGA) packages into their manufacturing processes. It is intended as a set of high-level guidelines and a reference manual describing typical package-related and...

DDR2 SDRAM
DDR4 SDRAM
Embedded USB
eMMC
See More Tags

File Type: PDF   **Updated:** 12/10/2014   **DOWNLOAD**

Parts with the same Data Sheet (5)

	N25Q064A13ESF42F (Current)	N25Q064A13E1241F	N25Q064A13E1247E	N25Q064A13ESF42G
Part Status	**Obsolete**	**Obsolete**	**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	**SO16 Wide**	**T-PBGA**	**T-PBGA**	SO16 Wide
Pin Count	**16-pin**	**24-ball**	**24-ball**	16-pin
Speed	**108 MHz**	108 MHz	108 MHz	108 MHz
RoHS	**Yes**	Yes	Yes	Yes

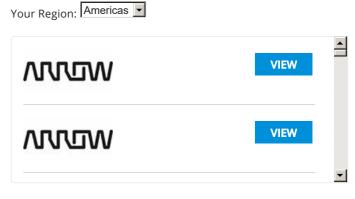| Type	Multi I/O	Multi I/O	Multi I/O	Multi I/O
Op Temp	-40C to +85C	-40C to +85C	-40C to +85C	-40C to +85C
Applications	Embedded	Embedded	Embedded	Embedded
Part Family	N25Q	N25Q	N25Q	N25Q
Media	Tape & Reel	Tape & Reel	**Tray**	**Tube**

N25Q064A13ESF42F
(Current)

Part Status	**Obsolete**
Density	64Mb
Width	x1/x2/x4
Voltage	2.7V-3.6V
Package	SO16 Wide
Pin Count	16-pin
Speed	108 MHz
RoHS	Yes
Type	Multi I/O
Op Temp	-40C to +85C
Applications	Embedded
Part Family	N25Q
Media	Tape & Reel

Where to Buy

- OR - Check with Distributors

Your Region: Americas ▼

ARROW **VIEW**

ARROW **VIEW**

See All Distributors

Support
Contact Us
Support Documentation and Downloads
Sales Support
Sales Network
Authorized Sales
Authorized Distributors
Legal
Site Map
Surplus Equipment

About
Our Company
News and Events
Micron Blogs
Jobs
Micron Foundation
History of Innovation
Locations
Our Commitment
Investor Relations
Suppliers

By Application
Client
Cloud
Data Center
Storage Data Security
Enterprise SSD Storage
Supercomputing Memory

...ns
...istry
...ive Memory Solutions
...er
...ed Memory Solutions
Federal Solutions
Financial Services
Industrial Memory Solutions
Mobile Memory Solutions
Networking Innovations

NOR Flash
Hybrid Memory Cube
Multichip Packages
Memory Cards
Solid State Drives

crucial by Micron

BALLISTIX by Micron