

Detailed Specifications

Density 128Mb Part Status Production Width x1/x2/x4 Voltage 2.7V-3.6V



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.

File Type: ZIP **Updated:** 08/31/2015

Automotive Embedded Memory Solutions N25Q NOR Flash See More Tags

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RoHS Certificates

RoHS Certificates

RoHS Certificate of Compliance (PDF)

N25Q128A13EV741

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: 11/2016

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RoHS Certificates

China RoHS Certificate (PDF)

N25Q128A13EV741

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

File Type: (PDF)

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Documentation & Support

Technical Notes

SEARCH (35) SERIAL NOR FLASH TECHNICAL NOTES

Technical Notes

TN-12-22: Migrating from Macronix's MX25L12835F to Micron's N25Q 128Mb Flash Device (PDF)

Automotive Embedded Memory Solutions N25Q NOR Flash

(TN-12-22) This technical note compares features of the Micron N25Q (128Mb) and Macronix MX25L12835F Flash memory devices.

See More Tags

File Type: PDF **Updated:** 07/09/2015

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Technical Notes

TN-12-31: Migrating from Spansion's S25FL128S to Micron's N25Q 128Mb Flash Device

Automotive Embedded Memory Solutions N25Q NOR Flash See More Tags

(TN-12-31) This technical note compares the features of the Micron N25Q (128Mb) and Spansion S25FL128S Flash memory devices.

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File Type: PDF **Updated:** 07/29/2013

Technical Notes

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

Automotive Embedded Memory Solutions N25Q NOR Flash See More Tags

(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

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

Technical Notes

TN-12-22: Migrating from Macronix's MX25L12835F to Micron's N25Q 128Mb Flash Device (PDF)

Automotive Embedded Memory Solutions N25Q NOR Flash See More Tags

(TN-12-22) This technical note compares features of the Micron N25Q (128Mb) and Macronix MX25L12835F Flash memory devices.

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File Type: PDF

Updated: 07/20/2012

Technical Notes

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

Automotive Embedded Memory Solutions M25P N25Q See More Tags

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

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Technical Notes

TN-25-05: N25Q and MT25Q Serial Flash Stacked Devices (PDF)

Automotive NOR Flash Serial NOR Flash

(TN-25-05) This technical note describes the features of stacked devices for N25Q and MT25Q. These devices are memory with two or more dies in the same package.

File Type: PDF

Updated: 10/24/2016

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Technical Notes

TN-25-31: Migrating N25Q 64Mb Standard to Enhanced - Serial NOR Flash (PDF)

Automotive Embedded Memory Solutions MT25Q N25Q See More Tags

(TN-25-31) This technical note provides information to help users to migrate from a standard configuration to an enhanced program and erase speed configuration of the Micron Flash memory N25Q 64Mb device.

File Type: PDF

Updated: 09/28/2016

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Technical Notes

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.

File Type: PDF

Updated: 09/02/2016

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Technical Notes

TN-25-09: Layout Guidelines - Serial NOR Flash (PDF)

Automotive Embedded Memory Solutions MT25Q N25Q See More Tags

(TN-25-09) This technical note provides PCB designers basic guidelines for optimizing signal layout and power supply lines in Micron's Serial NOR Flash device to prevent signal integrity problems.

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Updated: 07/11/2016

Technical Notes

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

XTRMFlash Automotive Embedded Memory Solutions NOR Flash See More Tags

(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.

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File Type: PDF **Updated:** 09/18/2015

SEARCH (35) SERIAL NOR FLASH TECHNICAL NOTES

Parts with the same Data Sheet (2)

	128A13EV741 Current)	N25Q128A13E1241E	N25Q128A13E1241F	
Part Status	Production	Production	Production	
Density	128Mb	128Mb	128Mb	
Width	x1/x2/x4	x1/x2/x4	x1/x2/x4	
Voltage	2.7V-3.6V	2.7V-3.6V	x1/x2/x4 2.7V-3.6V T-PBGA 24-ball 108 MHz	
Package	KGD	T-PBGA	T-PBGA	
Pin Count	n/a	24-ball	24-ball	
Speed	108 MHz	108 MHz	108 MHz Yes Multi I/O	
RoHS	Yes	Yes		
Туре	Multi I/O	Multi I/O		
Op Temp	-40C to +85C -40C to +85C		-40C to +85C	
Applications	Embedded	Embedded	Embedded	
Part Family	N25Q	N25Q	N25Q	
Media	n/a	Tray	Tape & Reel	

Where to Buy

Orderable Parts

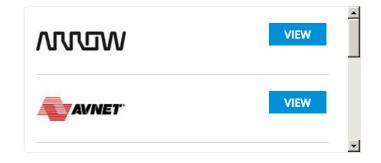
	Status	Media	FBGA Code	SPD Data	Chipset Validation	PLP	Start Date	Alternative Part
N25Q128A13EV741	Production	DIE/WAFER	N/A	N/A	N/A	No		N/A

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