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MTFC8GACAEDQ-AAT

DATA SHEETS (1)

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ROHS CERTIFICATES

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DATA SHEETS (1)

SPECS

SIM MODELS & SOFTWARE

Data Sheets (1)

Data Sheet



8-128GB e.MMC v5.0 LBGA100, VFBGA153, LFBGA169, TFBGA153, TFBGA169 (AAT, AIT) Data Sheet

Automotive Embedded eMMC Managed NAND

CID= AE; DS Rev L; MTFC8GACAEDQ-K1 AIT, MTFC8GACAEDQ-AAT, MTFC8GACAENS-K1 AIT, MTFC8GACAENS-AAT, MTFC16GAKAEDQ-AIT, MTFC16GAKAEDQ-AAT, MTFC16GAKAECN-AIT, MTFC16GAKAEJP-AIT, MTFC16GAKAEFF-AIT, MTFC16GAKAEFF-AAT, MTFC32GAKAEDQ-AIT, MTFC32GAKAEDQ-AAT, MTFC32GAKAECN-AIT, MTFC32GAKAEJP-AIT, MTFC32GAKAEFF-AIT, MTFC32GAKAEFF-AAT, MTFC64GAJAEDN-AIT, MTFC64GAJAEDN-AAT, MTFC64GAJAECE-AIT, MTFC64GAJAECE-AAT, MTFC64GAJAEDQ-AIT, MTFC64GAJAEDQ-AAT, MTFC128GAJAEDN-AIT, MTFC128GAJAECE-AIT

File Type: PDF

Updated: 01/2018

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Specs

Orderable Parts for: MTFC8GACAEDQ-AAT

	Status	Media	FBGA Code	SPD Data	Chipset Validation	PLP	Start Date	Alternative Part
MTFC8GACAEDQ-AAT	Production	N/A	JWC47	N/A	N/A	No		N/A

Sim Models & Software

Sim Models

IBIS

IBIS embedded AAT eMMC 5.0 (PS8222) - rev 1.4 (ZIP)

MTFC8GACAENS-xx AAT, MTFC8GACAEDQ-xx AAT, MTFC16GAKAEDQ-xx AAT, MTFC16GAKAEEF-xx AAT, MTFC32GAKAECN-xx AAT, MTFC32GAKAEDQ-xx AAT, MTFC32GAKAEEF-xx AAT, MTFC64GAJAEDQ-xx AAT, MTFC64GAJAECE-xx AAT, MTFC64GAJAEDN-xx AAT, MTFC128GAJAECE-xx AAT, MTFC128GAJAEDN-xx AAT

Automotive
Embedded
eMMC
Managed NAND

File Type: ZIP

Updated: 07/18/2017

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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: 03/2018

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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.

File Type: (PDF)

Updated: 03/2018

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Documentation & Support

[See All Documentation](#)

Technical Notes

SEARCH (53) TECHNICAL NOTES

Technical Notes

TN-00-08: Thermal Applications (PDF)

DRAM
Managed NAND
Multichip Packages

(TN-00-08) Describes some considerations in thermal applications for Micron memory devices

NAND Flash
[See More Tags](#)

File Type: PDF

Updated: 02/15/2018

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Technical Notes



[TN-29-77: Using Chip Enable Pin Reduction in NAND Flash Memory Devices \(PDF\)](#)

NAND Flash

(TN-29-77) This technical note describes how to enable and use the chip enable pin reduction feature in Micron's NAND Flash memory devices and discusses reduction limitations based on NAND package and system configuration.

File Type: PDF

Updated: 05/08/2017

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Technical Notes

[TN-29-62: Software Device Drivers for Large Page Micron NAND Flash Memory Devices \(PDF\)](#)

NAND Flash
SLC NAND

(TN-29-62) Download the low-level driver described in this document [here](#).

File Type: PDF

Updated: 04/24/2017

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Technical Notes



[TN-13-49: SLC NAND Device Refresh \(PDF\)](#)

NAND Flash
SLC NAND

(TN-13-49) This technical note discusses the adverse effects of high temperature and PROGRAM/ERASE (P/E) cycles on flash memory data retention and how the REFRESH operation can be used to mitigate these adverse effects.

File Type: PDF

Updated: 10/31/2016

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Technical Notes

[TN-29-14: NAND Flash Performance Increase Using PROGRAM PAGE CACHE MODE Command \(PDF\)](#)

NAND Flash

(TN-29-14) This technical note highlights the significant performance gains realized when using the PROGRAM PAGE CACHE MODE command in Micron's NAND Flash devices.

File Type: PDF

Updated: 09/29/2016

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SEARCH (53) TECHNICAL NOTES

Customer Service Note

Customer Service Note

Shipping Quantities (PDF)

(CSN-04) This customer service note describes the standard shipping quantity, box quantity, and types such as tape and reel for Micron's products.

File Type: PDF

Updated: 02/01/2018

DRAM
DRAM Modules
Hybrid Memory Cube
Multichip Packages
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Customer Service Note

ESD Charge Device Model (CDM) Test Conversion (PDF)

(CSN-41) This customer service note discusses Micron's conversion of JEDEC customer device-qualification documents to reporting CDM data per JS-002.

File Type: PDF

Updated: 11/28/2017

DRAM
DRAM Modules
Hybrid Memory Cube
Multichip Packages
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Customer Service Note

Wafer Packaging and Packaging Materials (PDF)

(CSN-20) Provides complete shipping and recycling information about each of the materials used for shipping Micron's products.

File Type: PDF

Updated: 06/21/2016

DRAM
NAND Flash

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SEARCH (3) CUSTOMER SERVICE NOTE

Parts with the same Data Sheet (14)

MTFC8GACAEDQ-AAT
(Current)

MTFC32GAKAECN-AIT

MTFC16GAKAEFF-AIT

MTFC32GAKAEDQ-AIT

MTFC8GACAEDQ-AAT
(Current)

Where to Buy

Orderable Parts

	Status	Media	FBGA Code	SPD Data	Chipset Validation	PLP	Start Date	Alternative Part
MTFC8GACAEDQ-AAT	Production	N/A	JWC47	N/A	N/A	No		N/A

Contact Your Sales Rep

- OR - Check with Distributors

[CONTACT A REP](#)

Your Region:



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[VIEW](#)

[See All Distributors](#)

Products

DRAM
DRAM Modules
NAND Flash
Managed NAND
NOR Flash
Hybrid Memory Cube
Multichip Packages
Memory Cards
Solid State Drives

Solutions

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Automotive Memory Solutions
Consumer
Embedded Memory Solutions
Federal Solutions
Financial Services
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Mobile Memory Solutions
Networking Innovations

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