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EDFP112A3PF-JDTJ-F

[DATA SHEETS \(1\)](#) |
 [SPECS](#) |
 [SIM MODELS & SOFTWARE](#) |
 [ROHS CERTIFICATES](#) |
 [DOCUMENTATION & SUPPORT](#) |
 [PARTS WITH THE SAME DATA SHEET \(3\)](#) |
 [WHERE TO BUY](#)

Data Sheets (1)

Data Sheet



Production Data Sheet: V9AM 504-Ball 24Gb Mobile LPDDR3 SDRAM (4 x 6Gb)

DRAM
Mobile LPDDR3

504-Ball, QDP, Quad-Channel, LPDDR3 SDRAM (Zht=0.7mm)

File Type: PDF

Updated: 02/2015

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Specs

Orderable Parts for: EDFP112A3PF-JDTJ-F

[SEE ALL LPDRAM PARTS](#)

	Status	Media	FBGA Code	SPD Data	Chipset Validation	PLP	Start Date	Alternative Part
EDFP112A3PF-JDTJ-F-D	Production	Dry Pack	N/A	N/A	N/A	No		N/A
EDFP112A3PF-JDTJ-F-R	Production	Tape & Reel	N/A	N/A	N/A	No		N/A

Detailed Specifications

Technology	LPDDR3	Density	24Gb	Part Status	Production	RoHS	Yes
Depth	192Mb	Width	x128	Voltage	1.2V	Package	WFBGA
Pin Count	504-ball	Clock Rate	933 MHz	Data Rate	DDR3-1866	Cycle Time	
Op. Temp.	-30C to +105C	Brand	Micron				

Sim Models & Software

Sim Models

Verilog



Verilog: 6Gb Mobile LPDDR3 V9AM (ZIP)

DRAM
Mobile LPDDR3

Verilog simulation model for 6Gb Mobile LPDDR3

File Type: ZIP

Updated: 03/10/2016

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RoHS Certificates

RoHS Certificates

RoHS Certificate of Compliance (PDF)

EDFP112A3PF-JDTJ-F

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.

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Updated: 01/2017

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RoHS Certificates

China RoHS Certificate (PDF)

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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 LPDRAM Documentation](#)

Technical Notes

SEARCH (9) LPDRAM TECHNICAL NOTES

Technical Note: Low-Power Function of Mobile RAM - Auto Temperature Compensated Self Refresh (ATCSR) (PDF)

DRAM
LPDRAM

(E0599E20) This technical note describes Auto Temperature Compensated Self Refresh (ATCSR), one of the low-power functions that have been adapted to Mobile DRAM.

File Type: PDF

Updated: 02/26/2014

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Technical Notes

Technical Note: Low-Power Function of Mobile RAM - Deep Power Down (DPD) (PDF)

DRAM
LPDRAM

(E0598E21) This technical note describes Deep Power Down (DPD), one of the low-power functions that have been adapted to Mobile DRAM.

File Type: PDF

Updated: 02/26/2014

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Technical Notes

Technical Note: Low-Power Function of Mobile RAM - Partial Array Self Refresh (PASR) (PDF)

DRAM
LPDRAM

(E0597E10) This technical note describes Partial Array Self Refresh (PASR), one of the low-power functions that have been adapted to Mobile DRAM.

File Type: PDF

Updated: 02/26/2014

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Technical Notes

TN-00-01: Moisture Sensitivity of Plastic Packages (PDF)

DDR SDRAM
DDR2 SDRAM
DDR3 SDRAM
DDR3L-RS
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(TN-00-01) This technical note describes shipping procedures for preventing memory devices from absorbing moisture and recommendations for baking devices exposed to excessive moisture.

File Type: PDF

Updated: 02/14/2013

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Technical Notes

TN-46-23: Backward Compatibility for Faster LPDDR SDRAM (PDF)

DRAM
LPDRAM
Mobile Memory Solutions

(TN-46-23) This technical note reviews the timing differences between the faster and slower LPDDR SDRAM speeds and explains how faster parts function compatibly with slower parts.

File Type: PDF

Updated: 02/04/2013

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SEARCH (9) LPDRAM TECHNICAL NOTES

Parts with the same Data Sheet (3)

EDFP112A3PF-JDTJ-F (Current)		EDFP112A3PF-GD-F	EDFP112A3PF-GDTJ-F	EDFP112A3PF-JD-F
Part Status	Production	End of Life	Obsolete	End of Life
Technology	LPDDR3	LPDDR3	LPDDR3	LPDDR3
Density	24Gb	24Gb	24Gb	24Gb
RoHS	Yes	Yes	Yes	Yes
Depth	192Mb	192Mb	192Mb	192Mb
Width	x128	x128	x128	x128
Voltage	1.2V	1.2V	1.2V	1.2V
Package	WFBGA	WFBGA	WFBGA	WFBGA
Pin Count	504-ball	504-ball	504-ball	504-ball
Clock Rate	933 MHz	800 MHz	800 MHz	933 MHz
Data Rate	DDR3-1866	DDR3-1600	DDR3-1600	DDR3-1866
Cycle Time				
Op. Temp.	-30C to +105C	-30C to +85C	-30C to +105C	-30C to +85C
Brand	Micron	Micron	Micron	Micron

Where to Buy

Orderable Parts

	Status	Media	FBGA Code	SPD Data	Chipset Validation	PLP	Start Date	Alternative Part
EDFP112A3PF-JDTJ-F-D	Production	Dry Pack	N/A	N/A	N/A	No		N/A
EDFP112A3PF-JDTJ-F-R	Production	Tape & Reel	N/A	N/A	N/A	No		N/A

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