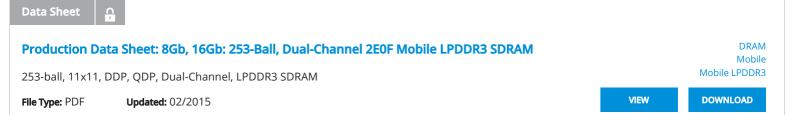
110000 0001100 011 11110 0100

We use cookies to personalize and enhance your experience on our site. Visit our Privacy Policy to learn more or manage your personal preferences in our Cookie Consent Tool. By using our site, you agree to our use of cookies.

Accept



Data Sheets (1)



Specs

Orderable Parts for: EDF8164A3MA-JD-F

SEE ALL LPDRAM PARTS

	Status	Media	FBGA Code	SPD Data	Chipset Validation	PLP	Start Date	Alternative Part
EDF8164A3MA-JD- F-D	Obsolete	N/A	N/A	N/A	N/A	No		N/A
EDF8164A3MA-JD- F-R	Contact Factory	Tape & Reel	N/A	N/A	N/A	No		N/A

Detailed Specifications

Technology	LPDDR3	Density	8Gb	Part Status	End of Life	RoHS	Yes
Depth	128Mb	Width	x64	Voltage	1.2V	Package	VFBGA
Pin Count	253-ball	Clock Rate	933 MHz	Data Rate	DDR3-1866	Cycle Time	
Op. Temp.	-30C to +85C	Brand	Micron				

Downloaded from Arrow.com.

Sim Models & Software

Sim Models



Verilog: 4Gb Mobile LPDDR3 2E0F (ZIP)

Verilog simulation model for 4Gb Mobile LPDDR3

DOWNLOAD

Mobile LPDDR3

DRAM

DRAM

Mobile Mobile LPDDR3

File Type: ZIP

Updated: 01/23/2018



IBIS: 253-ball 2E0F DDP Mobile LPDDR3 SDRAM (ZIP)

Rev 1.0 253-ball, DDP, LPDDR3 SDRAM

File Type: ZIP **Updated:** 09/02/2014

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

DOWNLOAD

Technical Notes

SEARCH (9) LPDRAM TECHNICAL NOTES

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

DOWNLOAD

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

DOWNLOAD

Customer Service Notes

SEE ALL CUSTOMER SERVICE NOTES

Customer Service Note

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

3D XPoint Client Cloud Cloud See More Tags

(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.

DOWNLOAD

File Type: PDF

Updated: 08/24/2018

Customer Service Note

Micron BGA Manufacturer's User Guide (PDF)

DDR2 SDRAM DDR4 SDRAM Embedded USB eMMC See More Tags

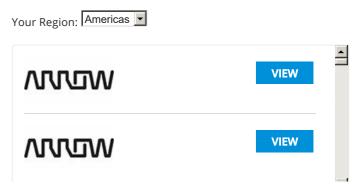
(CSN-33) Provides information to enable customers to easily integrate both leading-edge and legacy Micron's ball grid array (BGA) packages into their manufacturing processes. It is intended as a set of high-level guidelines and a reference manual describing typical package-related and...

DOWNLOAD

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

Parts with the same Data Sheet (3)

	64A3MA-JD-F Current)	EDFA164A2MA-GD-F	EDFA164A2MA-JD-F	EDF8164A3MA-GD-F		
Part Status	End of Life	End of Life	End of Life	End of Life		
Technology	LPDDR3	LPDDR3	LPDDR3	LPDDR3		
Density	8Gb	16Gb	16Gb	8Gb		
RoHS	Yes	Yes	Yes	Yes		
Depth	128Mb	256Mb	256Mb	128Mb		
Width	x64	x64	x64	x64		
Voltage	1.2V	1.2V	1.2V	1.2V		
Package	VFBGA	VFBGA	VFBGA	VFBGA		
Pin Count	253-ball	253-ball	253-ball	253-ball		
Clock Rate	933 MHz	800 MHz	933 MHz	800 MHz		
Data Rate	DDR3-1866	DDR3-1600	DDR3-1866	DDR3-1600		
(Cycle Time					
Op. Temp.	-30C to +85C	-30C to +85C	-30C to +85C	-30C to +85C		
Brand	Micron	Micron	Micron	Micron		
EDF8164A3MA-JD-F (Current)						
Part Status	End of Life	\/\hara	to Ruy			
Technology	LPDDR3	Where to Buy				
Density	8Gb	- O	R - Check with Distribu	tors		



RoHS

Depth

Width

Voltage

Yes

128Mb

x64

1.2V

Package	VFBGA			_		▼			
Pin Count	253-ball		See All Distributors						
Clock Rate	933 MHz	_	_						
Data Rate	DDR3-1866	ns	By Application Stry Client Ive Memory Solutions Cloud Par Data Center Ed Memory Solutions Storage Data Security Folutions Enterprise SSD Storage Services Supercomputing Memory I Memory Solutions James Services Supercomputing Memory James Services Supercomputing Services Supercomputing Memory James Services Supercomputing Services Supercomputing Services Services Supercomputing Services Servi	Support	About				
Op. Temp.	-30C to +85C Micron	istry ive Memory Solutions er ed Memory Solutions Solutions		Contact Us Support Documentation and Downloads Sales Support Sales Network Authorized Sales	Our Company News and Events Micron Blogs Jobs Micron Foundation History of Innovation Locations Our Commitment Investor Relations Suppliers				
Memory Cards Solid State Driv	ages Ind	Services ustrial Memory Solutions bile Memory Solutions working Innovations		Authorized Sales Authorized Distributors Legal Site Map Surplus Equipment					



©2018 Micron Technology, Inc. All rights reserved. Information, products, and/or specifications are subject to change without notice. All information is provided on an "AS IS" basis without warranties of any kind. Drawings may not be to scale. Micron, the Micron logo, and all other Micron trademarks are the property of Micron Technology, Inc. All other trademarks are the property of their respective owners.