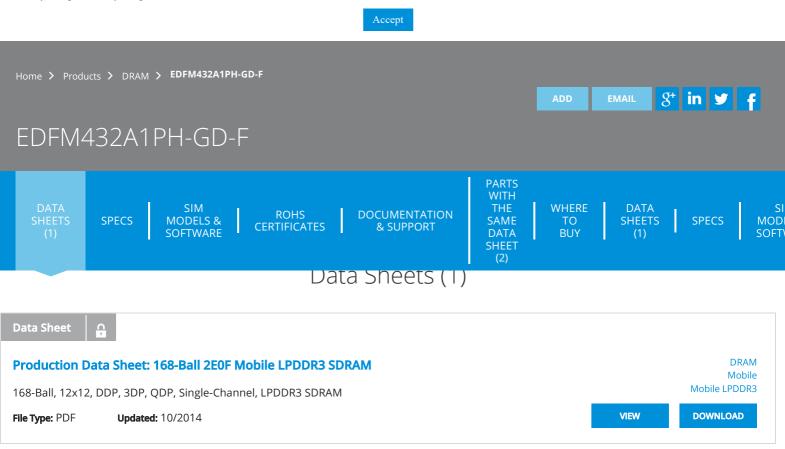


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Specs

Orderable Parts for: EDFM432A1PH-GD-F SEE ALL LPDRAM PARTS FBGA SPD Chipset Start Alternative PLP Status Media Validation Date Code Data Part EDFM432A1PH-GD-F-Production Dry Pack N/A N/A N/A No N/A D EDFM432A1PH-GD-F-Tape & N/A N/A N/A No N/A R Reel

Detailed Specifications

Technology	LPDDR3	Density	12Gb	Part Status	Production	RoHS	Yes
Depth	384Mb	Width	x32	Voltage	1.2V	Package	VFBGA
Pin Count	168-ball	Clock Rate	800 MHz	Data Rate	DDR3-1600	Cycle Time	
Op. Temp.	-30C to +85C	Brand	Micron				

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Sim Models & Software

Sim Models

IBIS 168-Ball 2EOF 3DP Mobile LPDDR3 SDRAM (Ball-Height/0.27) (ZIP) DRAM Mobile Rev 1.0 168-Ball, 3DP, Single-Channel, LPDDR3 SDRAM Mobile LPDDR3 File Type: ZIP Updated: 08/23/2015 DOWNLOAD

RoHS Certificates

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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

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

Documentation & Support

See All LPDRAM Documentation

Technical Notes

SEARCH (9) LPDRAM TECHNICAL NOTES

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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	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.	
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Customer Service Notes	
SEE ALL CUSTOMER SERVICE NOTES	
Customer Service Note	
Product Marks, Product Labels, and Packaging Labels (PDF)	3D XPoint Client Cloud
(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.	Cloud Cloud See More Tags
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Customer Service Note	
Micron BGA Manufacturer's User Guide (PDF)	DDR2 SDRAM DDR4 SDRAM Embedded USB
(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	eMMC See More Tags
File Type: PDF Updated: 12/10/2014	DOWNLOAD

Parts with the same Data Sheet (2)

(Current)			
Part Status	Production	End of Life	Obsolete
Technology	LPDDR3	LPDDR3	LPDDR3
Density	12Gb	8Gb	16Gb
RoHS	Yes	Yes	Yes
Depth	384Mb	256Mb	512Mb
Width	x32	x32	x32
Voltage	1.2V	1.2V	1.2V
Package	VFBGA	VFBGA	FBGA
Pin Count	168-ball	168-ball	168-ball
Clock Rate	800 MHz	800 MHz	800 MHz
Data Rate	DDR3-1600	DDR3-1600	DDR3-1600
Cycle Time			
Op. Temp.	-30C to +85C	-30C to +85C	-30C to +85C

Micron

EDFM432A1PH-GD-F (Current)

Brand

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Micron

Part Status	Production	Where to	Buv		
Technology	LPDDR3	- OR -	-		
Density	12Gb	- 0K -			
RoHS	Yes		Your Region: Americas 💌		
Depth	384Mb		WILINA	VIEW	
Width	x32				
Voltage	1.2V		WEWN	VIEW	
Package	VFBGA				-
Pin Count	168-ball		See All Distributors		
Clock Rate	800 MHz				
Data Rate	DDR3-1600				

Micron

		ns	By Application	Support	About
Cycle Time		istry	Client	Contact Us	Our Company
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Op. Temp.	-30C to +85C	er ed Memory Solutions	Data Center ^{ns} Storage Data Security	Sales Support Sales Network Authorized Sales	Micron Blogs Jobs
	Micron	Solutions	Enterprise SSD Storage Supercomputing Memory		Micron Foundation
Brand		Services			History of Innovation
wultichip Packages	lr	ndustrial Memory Solutions	Suber comparing memory	Authorized Distributors	Locations
Memory Cards	Mobile Memory Solutions		Legal	Our Commitment	
Solid State Drives		etworking Innovations		Site Map	Investor Relations
				Surplus Equipment	Suppliers



