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Home > Memory and Storage Products > DRAM > MTS MT52L512M64D4GN-10		add email 8 <sup>+</sup> in У f
DATA SHEETS (1) SPECS SIM MODELS & SOFTWARE	ROHS DOCUMENTATION CERTIFICATES & SUPPORT	PARTS WITH THE SAME WHERE DATA SHEET (1) TO BUY
	Data Sheets (1)	
Data Sheet		
Production Data Sheet: V01M 256-Ball, Dual-C256-Ball, 14x14, DDP, QDP, Dual-Channel, LPDDR3 SDFile Type: PDFUpdated: 09/2015		DRAM Mobile LPDDR3 Mobile Memory Solutions DOWNLOAD

#### Orderable Parts for: MT52L512M64D4GN-107 WT SEE ALL LPDRAM PARTS Chipset FBGA SPD Media PLP Code Date MT52L512M64D4GN-107 N/A D9TPL N/A N/A N/A No

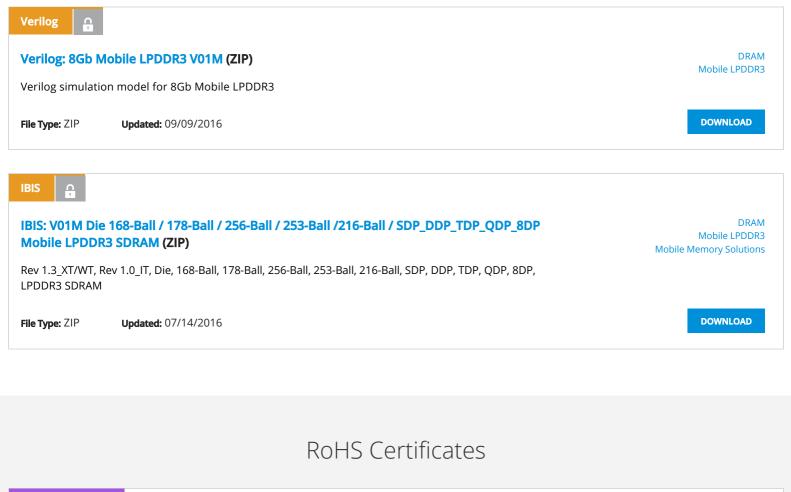
## Detailed Specifications

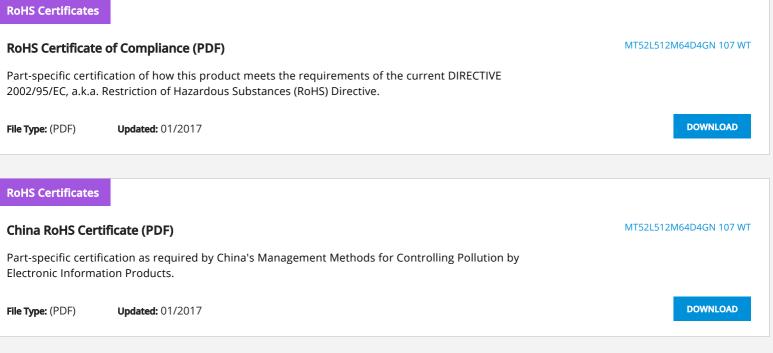
WT:B

Technology	LPDDR3	Density	32Gb	Part Status	Production	RoHS	Yes
Depth	512Mb	Width	x64	Voltage	1.2V	Package	WFBGA
Pin Count	256-ball	Clock Rate	933 MHz	Data Rate	DDR3-1866	Cycle Time	1.071ns
Op. Temp.	-30C to +85C	Brand	Micron				

## Sim Models & Software

Sim Models





Documentation & Support

## Technical Notes

SEARCH (9) LPDRAM TECHNICAL NOTES

Technical Notes		
Technical Note:	Low-Power Function of Mobile RAM - Deep Power Down (DPD) (PDF)	DRAM LPDRAM
	chnical note describes Deep Power Down (DPD), one of the low-power functions apted to Mobile DRAM.	
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Technical Notes		
Technical Note: (PDF)	Low-Power Function of Mobile RAM - Partial Array Self Refresh (PASR)	DRAM LPDRAM
	chnical note describes Partial Array Self Refresh (PASR), one of the low-power e been adapted to Mobile DRAM.	
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Technical Notes		
Technical Note: Self Refresh (ATC	Low-Power Function of Mobile RAM - Auto Temperature Compensated CSR) (PDF)	DRAM LPDRAM
	chnical note describes Auto Temperature Compensated Self Refresh (ATCSR), one unctions that have been adapted to Mobile DRAM.	
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Technical Notes		
TN-00-01: Moistu	re Sensitivity of Plastic Packages (PDF)	DDR SDRAM DDR2 SDRAM
	hnical note describes shipping procedures for preventing memory devices from e and recommendations for baking devices exposed to excessive moisture.	DDR3 SDRAM DDR3L-RS See More Tags
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Technical Notes		
TN-46-23: Backw	ard Compatibility for Faster LPDDR SDRAM (PDF)	DRAM LPDRAM Mobile Memory Solutions
	hnical note reviews the timing differences between the faster and slower LPDDR d explains how faster parts function compatibly with slower parts.	
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# Parts with the same Data Sheet (1)

MT52L512M64D4GN-107 WT ( Current )		MT52L256M64D2GN-107 WT		
Part Status	Production	Production		
Technology	LPDDR3	LPDDR3		
Density	32Gb	16Gb		
RoHS	Yes	Yes		
Depth	512Mb	256Mb		
Width	x64	x64		
Voltage	1.2V	1.2V		
Package	WFBGA	WFBGA		
Pin Count	256-ball	256-ball		
Clock Rate	933 MHz	933 MHz		
Data Rate	DDR3-1866	DDR3-1866		
Cycle Time	1.071ns	1.071ns		
Op. Temp.	-30C to +85C	-30C to +85C		
Brand	Micron	Micron		

# Where to Buy

## Orderable Parts

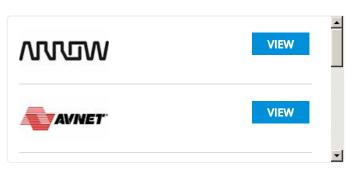
	Status	Media	FBGA Code	SPD Data	Chipset Validation	PLP	Start Date	Alternative Part
MT52L512M64D4GN-107 WT:B	Production	N/A	D9TPL	N/A	N/A	No		N/A

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