



Image may be representation.  
See specifications for product details.

### IS43DR16320D-3DBL-TR

Part Number: **IS43DR16320D-3DBL-TR**  
 Product Description: IC DRAM 512M PARALLEL 84TWBGA  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [IS43DR16320D-3DBL-TR.pdf](#)

Manufacturer/Brand: ISSI (Integrated Silicon Solution, Inc.)  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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#### Product details

<b>Part Number</b>	IS43DR16320D-3DBL-TR	<b>Manufacturer</b>	ISSI (Integrated Silicon Solution, Inc.)
<b>Description</b>	IC DRAM 512M PARALLEL 84TWBGA	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	<a href="#">IS43DR16320D-3DBL-TR.pdf</a>		
<b>Write Cycle Time - Word, Page</b>	15ns	<b>Voltage - Supply</b>	1.7 V ~ 1.9 V
<b>Technology</b>	SDRAM - DDR2	<b>Supplier Device Package</b>	84-TWBGA (8x12.5)
<b>Series</b>	-	<b>Packaging</b>	Tape & Reel (TR)
<b>Package / Case</b>	84-TFBGA	<b>Operating Temperature</b>	0°C ~ 70°C (TA)
<b>Mounting Type</b>	Surface Mount	<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)
<b>Memory Type</b>	Volatile	<b>Memory Size</b>	512Mb (32M x 16)
<b>Memory Interface</b>	Parallel	<b>Memory Format</b>	DRAM
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Detailed Description</b>	SDRAM - DDR2 Memory IC 512Mb (32M x 16) Parallel 333MHz 450ps 84-TWBGA (8x12.5)
<b>Clock Frequency</b>	333MHz	<b>Access Time</b>	450ps

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