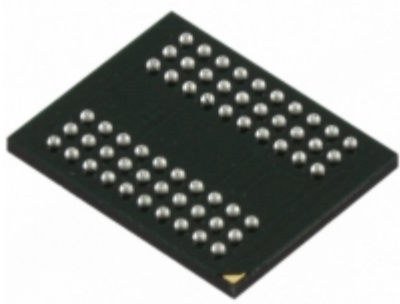


IS46LR16320C-6BLA1



Long-term Support  
World Class Quality

**Part Number:** [IS46LR16320C-6BLA1](#)

**Manufacturer:** [ISSI \(Integrated Silicon Solution, Inc.\)](#)

**Description:** IC DRAM 512M PARALLEL 60TFBGA

**Data sheet:**  [IS43/46LR16320C](#)

**RoHs Status:** Lead free / RoHS Compliant

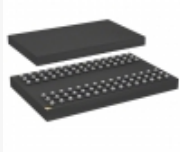
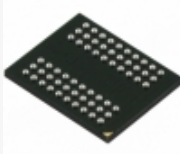
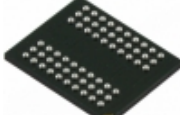
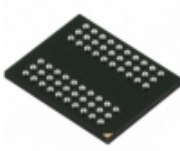
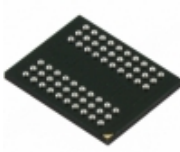
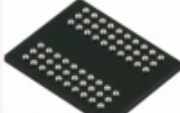
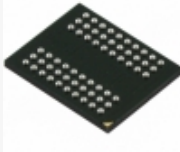
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                       |                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IS46LR16320C-6BLA1                                                                    | Manufacturer <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC DRAM 512M PARALLEL 60TFBGA                                                         | Lead Free Status / RoHS StatusLead free / RoHS Compliant              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8430 pcs                                                                              | Data sheet <a href="#">IS43/46LR16320C</a>                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Integrated Circuits (ICs)</a>                                             | Write Cycle Time - Word, Page15ns                                     |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1.7 V ~ 1.95 V                                                                        | TechnologySDRAM - Mobile LPDDR                                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 60-TFBGA (8x10)                                                                       | Series-                                                               |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Tray                                                                                  | Package / Case60-TFBGA                                                |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -40°C ~ 85°C (TA)                                                                     | Mounting TypeSurface Mount                                            |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 3 (168 Hours)                                                                         | Memory TypeVolatile                                                   |
| Memory Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 512Mb (32M x 16)                                                                      | Memory InterfaceParallel                                              |
| Memory Format                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | DRAM                                                                                  | Lead Free Status / RoHS StatusLead free / RoHS Compliant              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | SDRAM - Mobile LPDDR Memory IC 512Mb (32M x 16) Parallel 166MHz 5.5ns 60-TFBGA (8x10) | Clock Frequency166MHz                                                 |
| Access Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5.5ns                                                                                 |                                                                       |
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|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
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|                                           | Part#: <a href="#">IS46LR32160B-6BLA2</a><br>Description: IC DRAM 512M PARALLEL 90TFBGA     | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a><br><a href="#">RFQ</a> |
|                                           | Part#: <a href="#">IS46LR32160B-6BLA1</a><br>Description: IC DRAM 512M PARALLEL 90TFBGA     | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a><br><a href="#">RFQ</a> |
|  Long-term Support<br>World Class Quality | Part#: <a href="#">IS46LD32320A-3BPLA25</a><br>Description: IC DRAM 1G PARALLEL 168VFBGA    | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a><br><a href="#">RFQ</a> |
|                                           | Part#: <a href="#">IS46LR32160C-6BLA2</a><br>Description: IC DRAM 512M PARALLEL 90TFBGA     | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a><br><a href="#">RFQ</a> |
|  Long-term Support<br>World Class Quality | Part#: <a href="#">IS46LD32320A-3BPLA2-TR</a><br>Description: IC DRAM 1G PARALLEL 168VFBGA  | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a><br><a href="#">RFQ</a> |
|                                           | Part#: <a href="#">IS46LR32160C-6BLA1-TR</a><br>Description: IC DRAM 512M PARALLEL 90TFBGA  | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a><br><a href="#">RFQ</a> |
|                                           | Part#: <a href="#">IS46LR16320C-6BLA2</a><br>Description: IC DRAM 512M PARALLEL 60TFBGA     | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a><br><a href="#">RFQ</a> |
|                                           | Part#: <a href="#">IS46LR16320B-6BLA2-TR</a><br>Description: IC DRAM 512M PARALLEL 60TFBGA  | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a><br><a href="#">RFQ</a> |
|  Long-term Support<br>World Class Quality | Part#: <a href="#">IS46LD32320A-3BPLA1</a><br>Description: IC DRAM 1G PARALLEL 168VFBGA     | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a><br><a href="#">RFQ</a> |
|                                           | Part#: <a href="#">IS46LR16320B-6BLA1</a><br>Description: IC DRAM 512M PARALLEL 60TFBGA     | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a><br><a href="#">RFQ</a> |
|  Long-term Support<br>World Class Quality | Part#: <a href="#">IS46LD32320A-3BPLA1-TR</a><br>Description: IC DRAM 1G PARALLEL 168VFBGA  | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a><br><a href="#">RFQ</a> |
|                                           | Part#: <a href="#">IS46LR32160B-6BLA2-TR</a><br>Description: IC DRAM 512M PARALLEL 90TFBGA  | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a><br><a href="#">RFQ</a> |
|  Long-term Support<br>World Class Quality | Part#: <a href="#">IS46LD32320A-3BPLA25-TR</a><br>Description: IC DRAM 1G PARALLEL 168VFBGA | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a><br><a href="#">RFQ</a> |
|                                           | Part#: <a href="#">IS46LR16320C-6BLA1-TR</a><br>Description: IC DRAM 512M PARALLEL 60TFBGA  | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a><br><a href="#">RFQ</a> |
|                                           | Part#: <a href="#">IS46LR16320B-6BLA1-TR</a><br>Description: IC DRAM 512M PARALLEL 60TFBGA  | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a><br><a href="#">RFQ</a> |
|                                           | Part#: <a href="#">IS46LR32160C-6BLA1</a><br>Description: IC DRAM 512M PARALLEL 90TFBGA     | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a><br><a href="#">RFQ</a> |
|                                           | Part#: <a href="#">IS46LR16320B-6BLA2</a><br>Description: IC DRAM 512M PARALLEL 60TFBGA     | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a><br><a href="#">RFQ</a> |
|                                           | Part#: <a href="#">IS46LR16320C-6BLA2-TR</a><br>Description: IC DRAM 512M PARALLEL 60TFBGA  | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a><br><a href="#">RFQ</a> |
|                                           | Part#: <a href="#">IS46LR32160B-6BLA1-TR</a><br>Description: IC DRAM 512M PARALLEL 90TFBGA  | Manufacturers: <a href="#">ISSI (Integrated Silicon Solution, Inc.)</a><br><a href="#">RFQ</a> |

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