




NXP Semiconductors / Freescale

## MCIMX351AVM4B

|                      |  |
|----------------------|--|
| Part Number:         | MCIMX351AVM4B  |
| Manufacturer/Brand:  | NXP Semiconductors / Freescale   |
| Product description: | IC MPU I.MX35 400MHZ 400MAPBGA   |
| Datasheets:          | <a href="#">MCIMX351AVM4B.pdf</a>  |
| RoHS Status:         |  Lead free / RoHS Compliant |
| Ship From:           | Hong Kong  |
| Shipment Way:        | DHL/Fedex/TNT/UPS/EMS  |

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

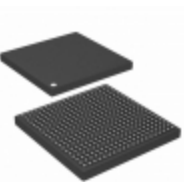
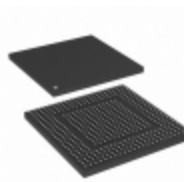
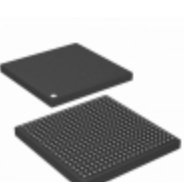
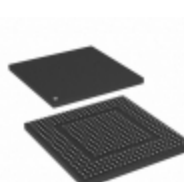
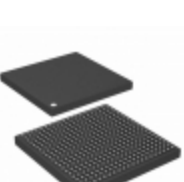


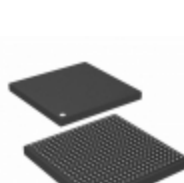
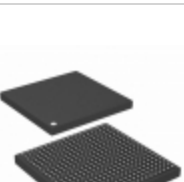



### Specifications of MCIMX351AVM4B

|                                  |   |
|----------------------------------|---|
| PART NUMBER                      | MCIMX351AVM4B   |
| MANUFACTURER                     | NXP Semiconductors / Freescale  |
| DESCRIPTION                      | IC MPU I.MX35 400MHZ 400MAPBGA  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |
| DATA SHEET                       | <a href="#">MCIMX351AVM4B.pdf</a>   |
| VOLTAGE - I/O                    | 1.8V, 2.0V, 2.5V, 2.7V, 3.0V, 3.3V  |
| USB                              | USB 2.0 + PHY (2)   |
| SUPPLIER DEVICE PACKAGE          | 400-MAPBGA (17x17)  |
| SPEED                            | 400MHz  |
| SERIES                           | i.MX35  |
| SECURITY FEATURES                | Secure Fusebox, Secure JTAG   |
| SATA                             | -   |
| RAM CONTROLLERS                  | LPDDR, DDR2   |
| PACKAGING                        | Tray  |
| PACKAGE / CASE                   | 400-LFBGA   |
| OTHER NAMES                      | 935317287557  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)   |
| NUMBER OF CORES/BUS WIDTH        | 1 Core, 32-Bit  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |
| GRAPHICS ACCELERATION            | No  |
| ETHERNET                         | 10/100 Mbps (1)   |
| DISPLAY & INTERFACE CONTROLLERS  | Keypad, KPP, LCD  |
| DETAILED DESCRIPTION             | ARM1136JF-S Microprocessor IC i.MX35 1 Core, 32-Bit 400MHz 400-MAPBGA (17x17)                   |
| CORE PROCESSOR                   | ARM1136JF-S   |
| CO-PROCESSORS/DSP                | Multimedia; VFP   |
| BASE PART NUMBER                 | MCIMX351  |
| ADDITIONAL INTERFACES            | 1-Wire, ASRC, ATA, CAN, I <sup>2</sup> C, I <sup>2</sup> S, MMC/SDIO, SAI, SDHC, SPI, SSI, UART |

### Related Tags

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|--|---|--|
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| Freescale Semiconductor - NXP MCIMX351AVM4B  | NXP USA Inc. MCIMX351AVM4B              |  |

### Related Products

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|  <p><b>MCIMX353CVM5B</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX35 532MHZ 400MAPBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>   |  <p><b>MCIMX31VMN5C</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX31 532MHZ 473MAPBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>   |
|  <p><b>MCIMX351AVM4BR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX35 400MHZ 400MAPBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |  <p><b>MCIMX31VMN5CR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX31 532MHZ 473MAPBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |
|  <p><b>MCIMX353DJQ5C</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX35 532MHZ 400MAPBGA<br/>In stock: 294 pcs<br/><a href="#">RFQ</a></p>     |  <p><b>MCIMX31WPK</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: KIT DEV I.MX31 PDK FOR WINDOWS<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>     |
|  <p><b>MCIMX351AJQ5C</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX35 532MHZ 400MAPBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>   |  <p><b>MCIMX353CJQ5C</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX35 532MHZ 400MAPBGA<br/>In stock: 728 pcs<br/><a href="#">RFQ</a></p>    |
|  <p><b>MCIMX353DJQ5CR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX35 532MHZ 400MAPBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |  <p><b>MCIMX31VKN5CR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX31 532MHZ 457MAPBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |
|  <p><b>MCIMX353CJQ5CR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX35 532MHZ 400MAPBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |  <p><b>MCIMX31VKN5R2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX31 532MHZ 457MAPBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>  |