







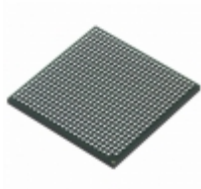






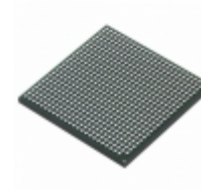
|   |  |                                |
|---|--|--------------------------------|
|  | <h2 style="color: #e67e22;">MCIMX6S4AVM08AC</h2>   |                                |
|   | <b>Manufacturer Part Number:</b>   | MCIMX6S4AVM08AC                |
|  | <b>Manufacturer/Brand:</b>   | NXP Semiconductors / Freescale |
|   | <b>Part of Description:</b>  | IC MPU I.MX6S 800MHZ 624MAPBGA |
| <b>Datasheets:</b>  | <ul style="list-style-type: none"> <li> <a href="#">1.MCIMX6S4AVM08AC.pdf</a></li> <li> <a href="#">2.MCIMX6S4AVM08AC.pdf</a></li> <li> <a href="#">3.MCIMX6S4AVM08AC.pdf</a></li> <li> <a href="#">4.MCIMX6S4AVM08AC.pdf</a></li> </ul> |                                |
| <b>RoHs Status:</b>   |  Lead free / RoHS Compliant   |                                |
| <b>Stock Condition:</b>   | New original, 1353 pcs Stock Available.  |                                |
| <b>Ship From:</b>   | Hong Kong  |                                |
| <b>Shipment Way:</b>  | DHL/Fedex/TNT/UPS/EMS  |                                |

### Specifications

|                                 |   |
|---------------------------------|---|
| Part Number                     | MCIMX6S4AVM08AC   |
| Manufacturer                    | NXP Semiconductors / Freescale                            |
| Description                     | IC MPU I.MX6S 800MHZ 624MAPBGA                            |
| Category                        | <a href="#">Integrated Circuits (ICs) &gt; Embedded -</a> |
| Part Status                     | 1353 pcs Stock  |
| Series                          | i.MX6S  |
| Operating Temperature           | -40°C ~ 125°C (TJ)  |
| Package / Case                  | 624-LFBGA   |
| Supplier Device Package         | 624-MAPBGA (21x21)  |
| Core Processor                  | ARM® Cortex®-A9   |
| Speed                           | 800MHz  |
| Ethernet                        | 10/100/1000 Mbps (1)                                      |
| USB                             | USB 2.0 + PHY (4)   |
| Voltage - I/O                   | 1.8V, 2.5V, 2.8V, 3.3V                                    |
| Number of Cores/Bus Width       | 1 Core, 32-Bit  |
| Co-Processors/DSP               | Multimedia; NEON™ SIMD                                    |
| RAM Controllers                 | LPDDR2, LVDDR3, DDR3                                      |
| Graphics Acceleration           | Yes   |
| Display & Interface Controllers | Keypad, LCD   |
| SATA                            | -   |
| Security Features               | ARM TZ, Boot Security, Cryptography, RTIC, Secure         |
| Additional Interfaces           | CAN, I²C, I²S, MMC/SD/SDIO, SAI, SPI, SSI, UART           |
| Packaging                       | Tray  |

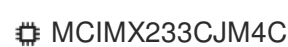

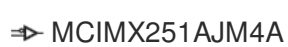


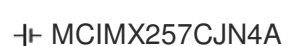






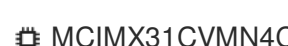


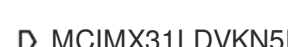
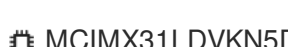
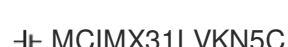


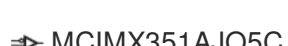

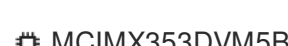

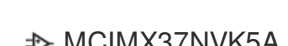










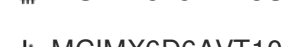

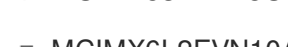

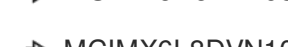
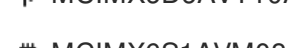
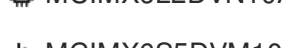
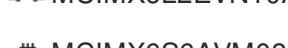
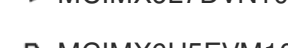
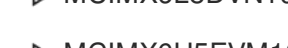
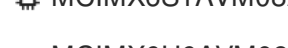
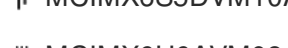
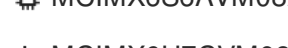
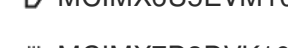
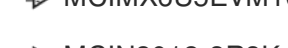
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