

NXP Semiconductors / Freescale

MCIMX515DVK8C

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCIMX515DVK8C                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MPU I.MX51 800MHZ 529BGA                                                                                  |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 2202 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

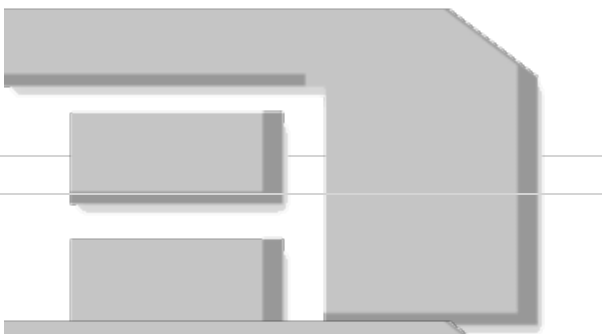
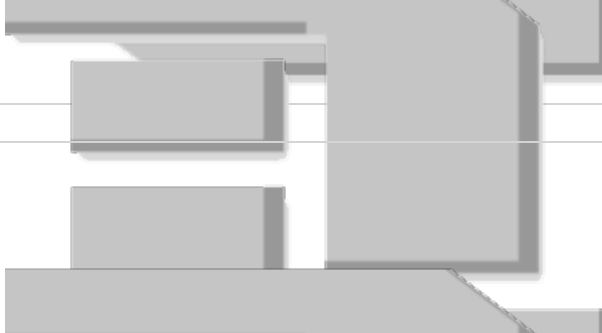
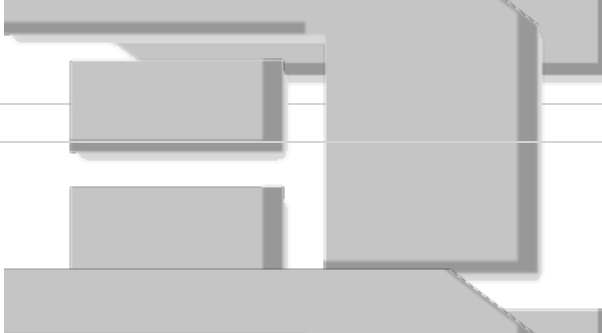
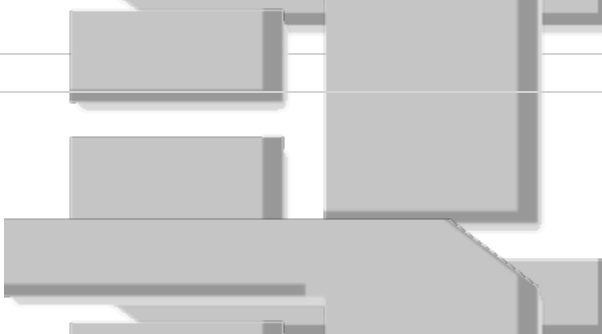
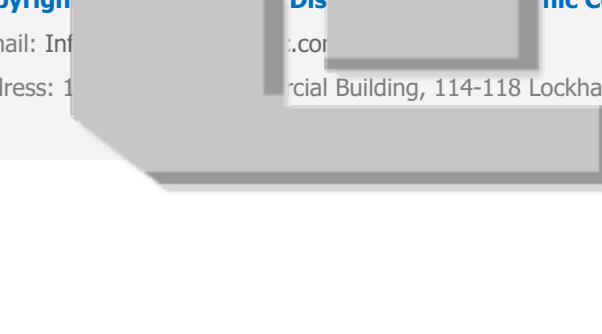
Specifications of MCIMX515DVK8C

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCIMX515DVK8C                                                                                     |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                    |
| DESCRIPTION                      | IC MPU I.MX51 800MHZ 529BGA                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                        |
| QUANTITY AVAILABLE               | 2202 pcs                                                                                          |
| DATA SHEET                       |                                                                                                   |
| VOLTAGE - I/O                    | 1.2V, 1.875V, 2.775V, 3.0V                                                                        |
| USB                              | USB 2.0 (3), USB 2.0 + PHY (1)                                                                    |
| SUPPLIER DEVICE PACKAGE          | 527-BGA (13x13)                                                                                   |
| SPEED                            | 800MHz                                                                                            |
| SERIES                           | i.MX51                                                                                            |
| SECURITY FEATURES                | ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTC |
| SATA                             | -                                                                                                 |
| RAM CONTROLLERS                  | LPDDR, DDR2                                                                                       |
| PACKAGING                        | Tray                                                                                              |
| PACKAGE / CASE                   | 527-LFBGA                                                                                         |
| OTHER NAMES                      | 568-14068<br>935317113557<br>MCIMX515DVK8C-ND                                                     |
| OPERATING TEMPERATURE            | -20°C ~ 85°C (TC)                                                                                 |
| 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            | Yes                                                                                               |
| ETHERNET                         | 10/100 Mbps (1)                                                                                   |
| DISPLAY & INTERFACE CONTROLLERS  | Keypad, LCD                                                                                       |
| DETAILED DESCRIPTION             | ARM® Cortex®-A8 Microprocessor IC i.MX51 1 Core, 32-Bit 800MHz 527-BGA (13x13)                    |
| CORE PROCESSOR                   | ARM® Cortex®-A8                                                                                   |
| CO-PROCESSORS/DSP                | Multimedia; NEON™ SIMD                                                                            |
| BASE PART NUMBER                 | MCIMX515                                                                                          |
| ADDITIONAL INTERFACES            | 1-Wire, AC'97, I²C, I²S, MMC/SD, SPI, SSI, UART                                                   |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MCIMX515DVK8C               | MCIMX515DVK8C Distributor        | MCIMX515DVK8C Supplier  |
| MCIMX515DVK8C Price         | MCIMX515DVK8C Pictures           | MCIMX515DVK8C Image     |
| MCIMX515DVK8C PDF Datasheet | MCIMX515DVK8C Download Datasheet | MCIMX515DVK8C Datasheet |
| MCIMX515DVK8C Stock         | Buy MCIMX515DVK8C                | Buy MCIMX515DVK8C       |
| MCIMX515DVK8C               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                              |                                                                                      |                                                                                                                                  |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MCIMX515DJZK8C</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX51 800MHZ 529BGA<br>In stock: 4784 pcs<br><b>RFQ</b>  |  | <b>MCIMX515CJM6CR2</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX51 600MHZ 529BGA<br>In stock: 2807 pcs<br><b>RFQ</b>     |
|  | <b>MCIMX515DJM8CR2</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX51 800MHZ 529BGA<br>In stock: 2878 pcs<br><b>RFQ</b> |  | <b>MCIMX53-START</b><br>Manufacturers: NXP<br>Description: KIT DEVELOPMENT I.MX53<br>In stock: 6523 pcs<br><b>RFQ</b>            |
|  | <b>MCIMX515DJM8C</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX51 800MHZ 529BGA<br>In stock: 2278 pcs<br><b>RFQ</b>   |  | <b>MCIMX516AJM6C</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX51 600MHZ 529BGA<br>In stock: 3393 pcs<br><b>RFQ</b>       |
|  | <b>MCIMX51LCD</b><br>Manufacturers: NXP<br>Description: DAUGHTER LCD WVGA I.MX51<br>In stock: 277 pcs<br><b>RFQ</b>          |  | <b>MCIMX515CJM6C</b><br>Manufacturers: NXP<br>Description: IC MPU I.MX51 600MHZ 529BGA<br>In stock: 2021 pcs<br><b>RFQ</b>       |
|  | <b>MCIMX51EVKJ</b><br>Manufacturers: NXP<br>Description: KIT EVALUATION I.MX51<br>In stock: 116 pcs<br><b>RFQ</b>            |  | <b>MCIMX514AJM6CR2</b><br>Manufacturers: NXP<br>Description: I.MX51 32-BIT MPU ARM CORTEX-A8<br>In stock: 3412 pcs<br><b>RFQ</b> |
|  | <b>MCIMX51EXP</b><br>Manufacturers: NXP<br>Description: EXPANSION CARD I.MX51<br>In stock: 383 pcs<br><b>RFQ</b>             |  | <b>MCIMX516AJM6CR2</b><br>Manufacturers: NXP<br>Description: I.MX51 32-BIT MPU ARM CORTEX-A8<br>In stock: 3340 pcs<br><b>RFQ</b> |