

NXP Semiconductors / Freescale

SPC5606SF2VLU6

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SPC5606SF2VLU6                                                                                               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 1MB FLASH 176LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3241 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

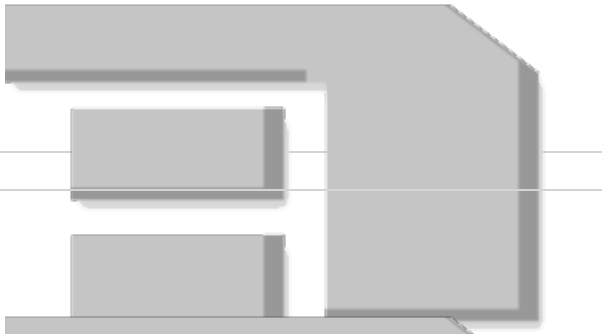
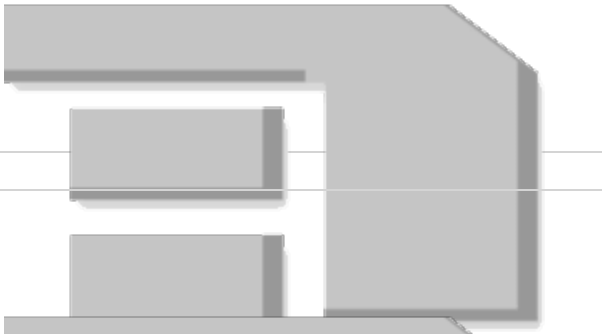
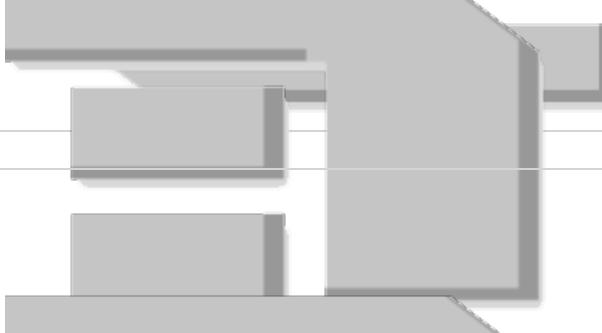
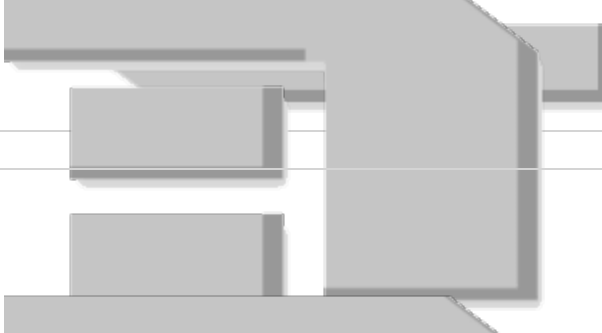
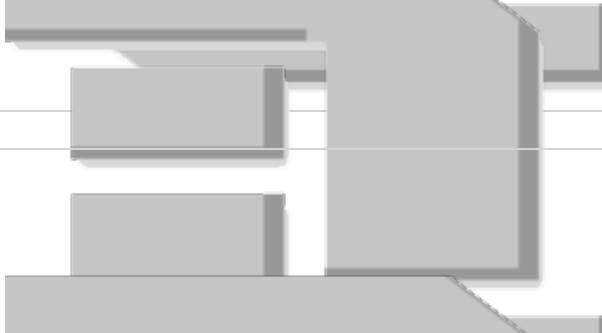
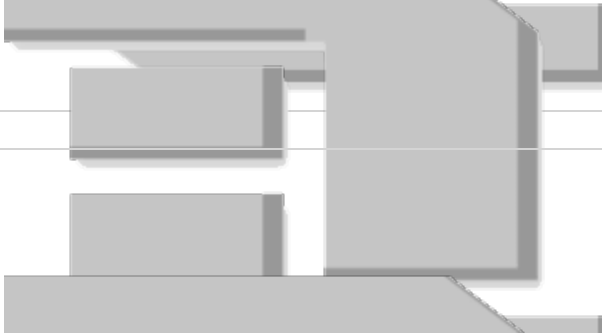
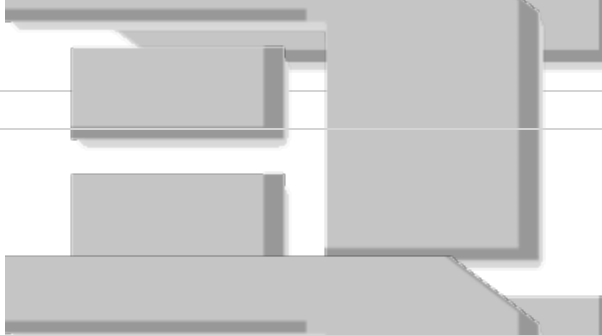
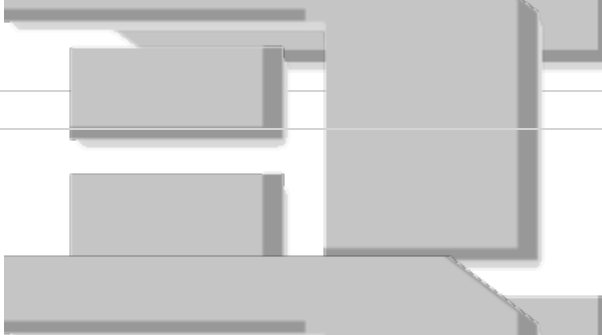
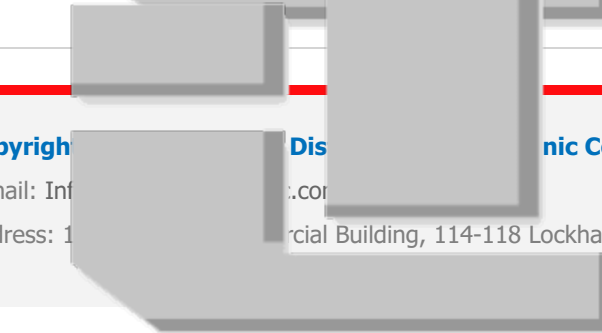
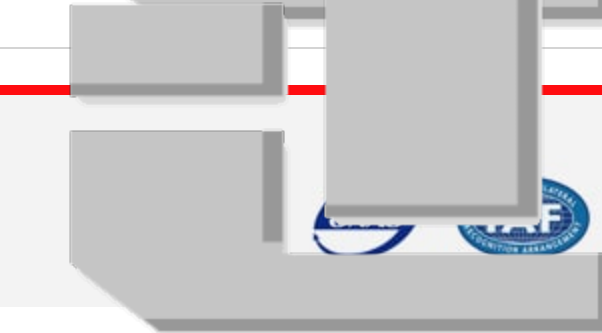
Specifications of SPC5606SF2VLU6

|                                  |                                                                                             |
|----------------------------------|---------------------------------------------------------------------------------------------|
| PART NUMBER                      | SPC5606SF2VLU6                                                                              |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                              |
| DESCRIPTION                      | IC MCU 32BIT 1MB FLASH 176LQFP                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                  |
| QUANTITY AVAILABLE               | 3241 pcs                                                                                    |
| DATA SHEET                       |                                                                                             |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 176-LQFP (24x24)                                                                            |
| SPEED                            | 64MHz                                                                                       |
| SERIES                           | MPC56xx Qorivva                                                                             |
| RAM SIZE                         | 48K x 8                                                                                     |
| PROGRAM MEMORY TYPE              | FLASH                                                                                       |
| PROGRAM MEMORY SIZE              | 1MB (1M x 8)                                                                                |
| PERIPHERALS                      | DMA, LCD, POR, PWM, WDT                                                                     |
| PACKAGING                        | Tray                                                                                        |
| PACKAGE / CASE                   | 176-LQFP                                                                                    |
| OTHER NAMES                      | 568-14439<br>935310696557<br>SPC5606SF2VLU6-ND                                              |
| OSCILLATOR TYPE                  | Internal                                                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                          |
| NUMBER OF I/O                    | 136                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                  |
| EEPROM SIZE                      | 64K x 8                                                                                     |
| DETAILED DESCRIPTION             | e200z0h MPC56xx Qorivva Microcontroller IC 32-Bit 64MHz 1MB (1M x 8) FLASH 176-LQFP (24x24) |
| DATA CONVERTERS                  | A/D 16x10b                                                                                  |
| CORE SIZE                        | 32-Bit                                                                                      |
| CORE PROCESSOR                   | e200z0h                                                                                     |
| CONNECTIVITY                     | CANbus, I²C, LINbus, QSPI, SCI, SPI                                                         |
| BASE PART NUMBER                 | SPC5606                                                                                     |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| SPC5606SF2VLU6               | SPC5606SF2VLU6 Distributor        | SPC5606SF2VLU6 Supplier  |
| SPC5606SF2VLU6 Price         | SPC5606SF2VLU6 Pictures           | SPC5606SF2VLU6 Image     |
| SPC5606SF2VLU6 PDF Datasheet | SPC5606SF2VLU6 Download Datasheet | SPC5606SF2VLU6 Datasheet |
| SPC5606SF2VLU6 Stock         | Buy SPC5606SF2VLU6                | Buy SPC5606SF2VLU6       |
| SPC5606SF2VLU6               | Supplier                          | Distributor              |

Related Products

|                                                                                    |                                                                                                                                                                                                          |                                                                                      |                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>SPC5606SF2VLQ6R</b><br>Manufacturers: NXP<br>Description: NXP 32-BIT MCU POWER ARCH CORE<br>In stock: 5723 pcs<br> |  | <b>SPC5607BAMLU6</b><br>Manufacturers: NXP<br>Description: NXP 32-BIT MCU POWER ARCH CORE<br>In stock: 6319 pcs<br>  |
|  | <b>SPC5606SF2VLU6R</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 1MB FLASH 176LQFP<br>In stock: 4754 pcs<br> |  | <b>SPC5607BAMLU6R</b><br>Manufacturers: NXP<br>Description: NXP 32-BIT MCU POWER ARCH CORE<br>In stock: 5359 pcs<br> |
|  | <b>SPC5606SF2VLQ6</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 1MB FLASH 144LQFP<br>In stock: 3383 pcs<br>  |  | <b>SPC5606EF2VMC</b><br>Manufacturers: NXP<br>Description: ETHERNET CAMERA MCU<br>In stock: 4801 pcs<br>             |
|  | <b>SPC5606SF2CLU6</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 1MB FLASH 176LQFP<br>In stock: 3599 pcs<br>  |  | <b>SPC5606EF2VMCR</b><br>Manufacturers: NXP<br>Description: ETHERNET CAMERA MCU<br>In stock: 5068 pcs<br>            |
|  | <b>SPC5607BAVLU6</b><br>Manufacturers: NXP<br>Description: NXP 32-BIT MCU POWER ARCH CORE<br>In stock: 6162 pcs<br>   |  | <b>SPC5606EEF2VMCR</b><br>Manufacturers: NXP<br>Description: ETHERNET CAMERA MCU<br>In stock: 5117 pcs<br>           |
|  | <b>SPC5607BAVLQ6R</b><br>Manufacturers: NXP<br>Description: NXP 32-BIT MCU POWER ARCH CORE<br>In stock: 5850 pcs<br>  |  | <b>SPC5607BAVLQ6</b><br>Manufacturers: NXP<br>Description: NXP 32-BIT MCU POWER ARCH CORE<br>In stock: 7132 pcs<br>  |