

NXP Semiconductors / Freescale

DSP56858FVE

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSP56858FVE                                                                                                  |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 16BIT 80KB SRAM 144LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6564 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

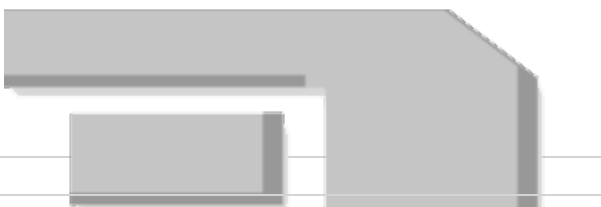
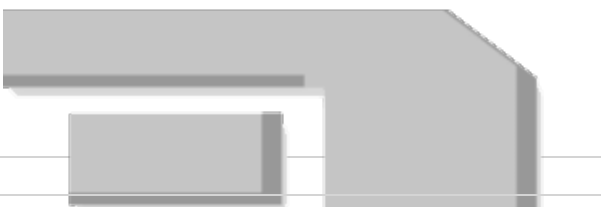
Specifications of DSP56858FVE

|                                  |                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------|
| PART NUMBER                      | DSP56858FVE                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                      |
| DESCRIPTION                      | IC MCU 16BIT 80KB SRAM 144LQFP                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                          |
| QUANTITY AVAILABLE               | 6564 pcs                                                                            |
| DATA SHEET                       |                                                                                     |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.62 V ~ 1.98 V                                                                     |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                    |
| SPEED                            | 120MHz                                                                              |
| SERIES                           | 568xx                                                                               |
| RAM SIZE                         | 24K x 16                                                                            |
| PROGRAM MEMORY TYPE              | SRAM                                                                                |
| PROGRAM MEMORY SIZE              | 80KB (40K x 16)                                                                     |
| PERIPHERALS                      | DMA, POR, WDT                                                                       |
| PACKAGING                        | Tray                                                                                |
| PACKAGE / CASE                   | 144-LQFP                                                                            |
| OSCILLATOR TYPE                  | External                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                   |
| NUMBER OF I/O                    | 47                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                          |
| EEPROM SIZE                      | -                                                                                   |
| DETAILED DESCRIPTION             | 56800E 568xx Microcontroller IC 16-Bit 120MHz 80KB (40K x 16) SRAM 144-LQFP (20x20) |
| DATA CONVERTERS                  | -                                                                                   |
| CORE SIZE                        | 16-Bit                                                                              |
| CORE PROCESSOR                   | 56800E                                                                              |
| CONNECTIVITY                     | EBI/EMI, SCI, SPI, SSI                                                              |
| BASE PART NUMBER                 | DSP56858                                                                            |

Related Tags

|                           |                                |                       |
|---------------------------|--------------------------------|-----------------------|
| DSP56858FVE               | DSP56858FVE Distributor        | DSP56858FVE Supplier  |
| DSP56858FVE Price         | DSP56858FVE Pictures           | DSP56858FVE Image     |
| DSP56858FVE PDF Datasheet | DSP56858FVE Download Datasheet | DSP56858FVE Datasheet |
| DSP56858FVE Stock         | Buy DSP56858FVE                | Buy DSP56858FVE       |
| DSP56858FVE               | Supplier                       | Distributor           |

Related Products

|                                                                                    |                                                                                                                                |                                                                                      |                                                                                                                                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
|  | <b>DSP56F801EVM</b><br>Manufacturers: NXP<br>Description: KIT EVALUATION FOR DSP56F801<br>In stock: 5556 pcs<br><b>RFQ</b>     |  | <b>DSP56F801FA60E</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 16KB FLASH 48LQFP<br>In stock: 9452 pcs<br><b>RFQ</b> |
|  | <b>DSP56F801FA80E</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 16KB FLASH 48LQFP<br>In stock: 8703 pcs<br><b>RFQ</b> |  | <b>DSP56F800DEMO</b><br>Manufacturers: NXP<br>Description: KIT EVALUATION FOR DSP56F800<br>In stock: 4182 pcs<br><b>RFQ</b>    |
|  | <b>DSP56852VFE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 12KB SRAM 81MAPBGA<br>In stock: 2790 pcs<br><b>RFQ</b>   |  | <b>DSP56F802TA60E</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br>In stock: 4758 pcs<br><b>RFQ</b> |
|  | <b>DSP56857BUE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 80KB SRAM 100LQFP<br>In stock: 3532 pcs<br><b>RFQ</b>    |  | <b>DSP56321VL275</b><br>Manufacturers: NXP<br>Description: IC DSP 24BIT 275MHZ 196MAPBGA<br>In stock: 1162 pcs<br><b>RFQ</b>   |
|  | <b>DSP56854FGE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 32KB SRAM 128LQFP<br>In stock: 3023 pcs<br><b>RFQ</b>    |  | <b>DSP563XXEVME</b><br>Manufacturers: NXP<br>Description: KIT EVALUATION FOR DSP56303<br>In stock: 3653 pcs<br><b>RFQ</b>      |
|  | <b>DSP56853FGE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 24KB SRAM 128LQFP<br>In stock: 4026 pcs<br><b>RFQ</b>    |  | <b>DSP56F800DEMO-E</b><br>Manufacturers: NXP<br>Description: KIT EVAL FOR DSP56F800 W/UPS<br>In stock: 5976 pcs<br><b>RFQ</b>  |