

NXP Semiconductors / Freescale

DSP56F802TA60E

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSP56F802TA60E                                                                                               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 16BIT 16KB FLASH 32LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4758 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

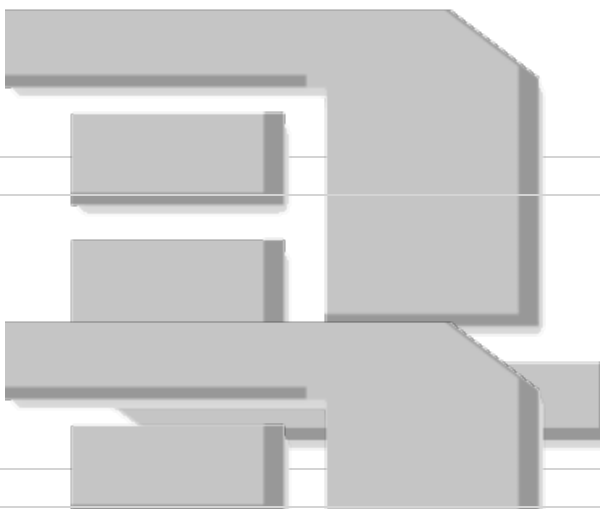
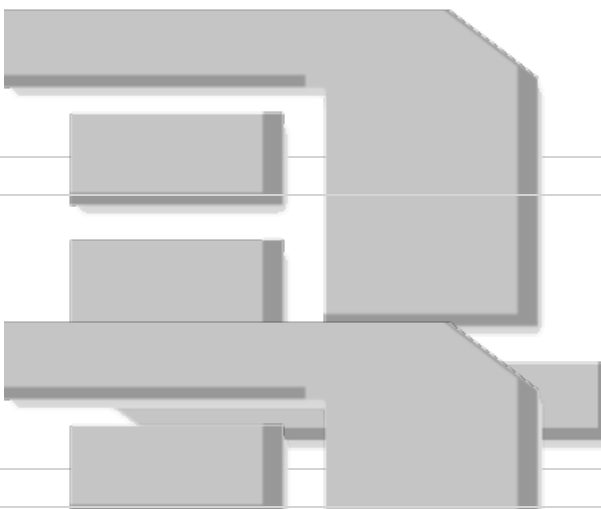
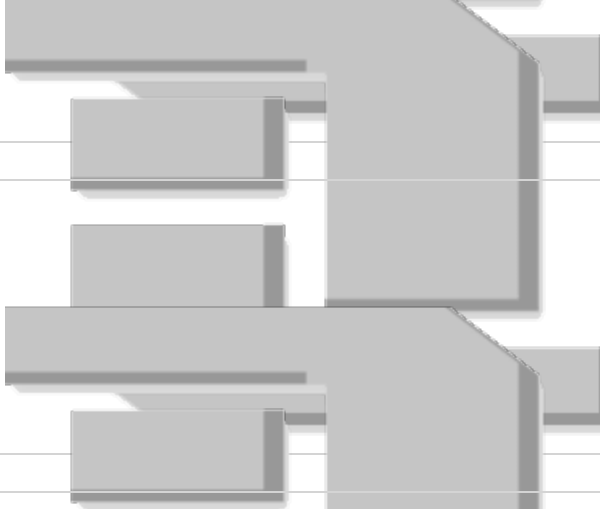
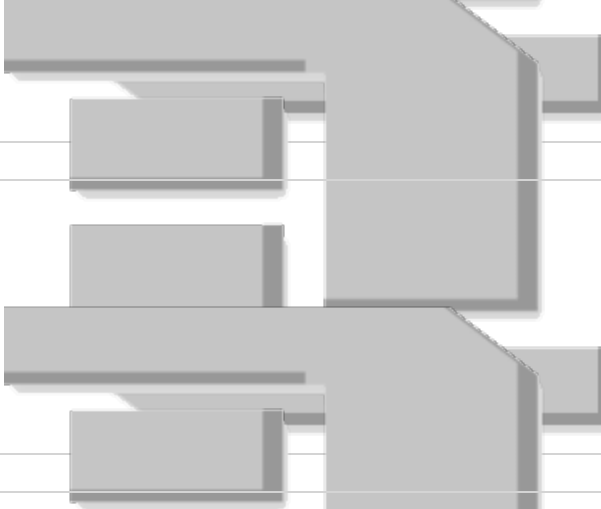
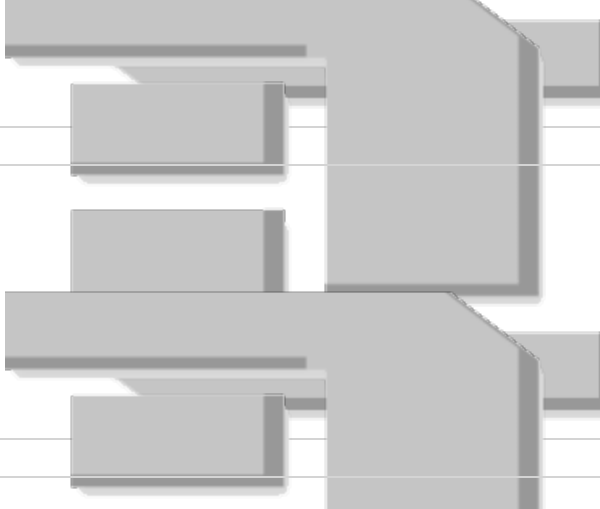
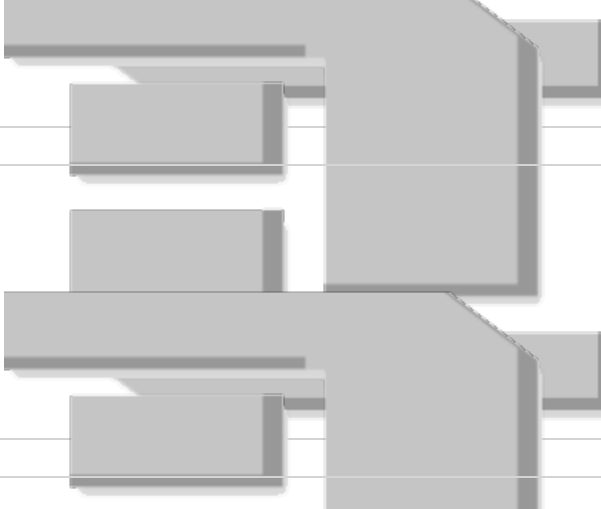
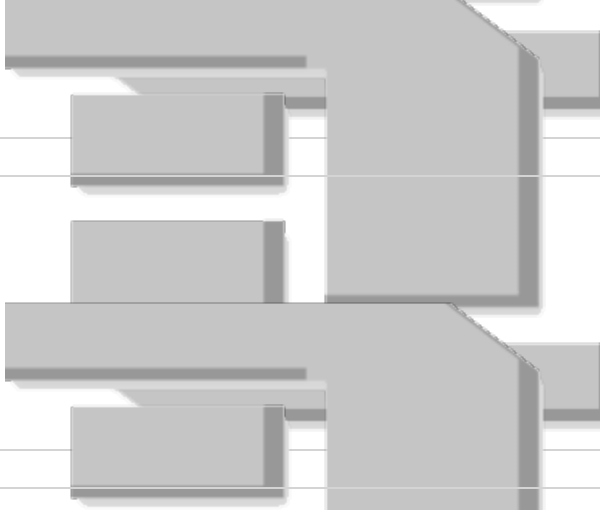
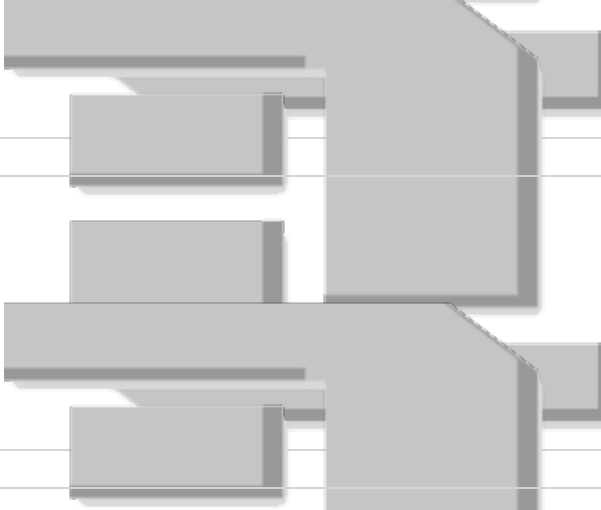
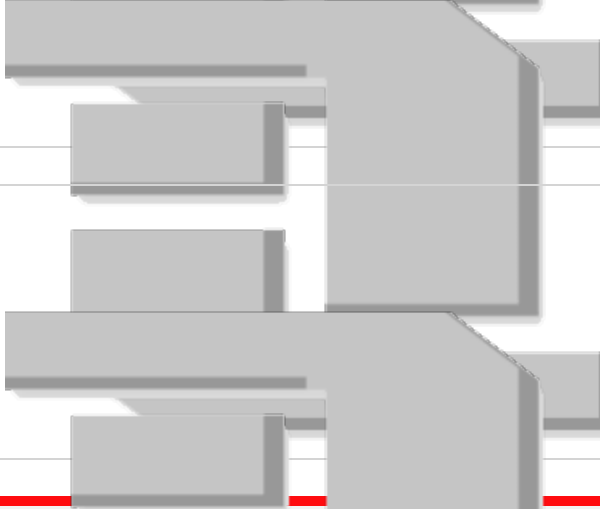
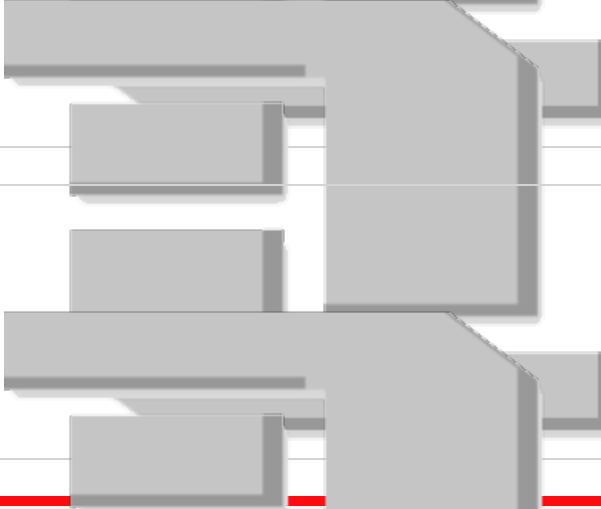
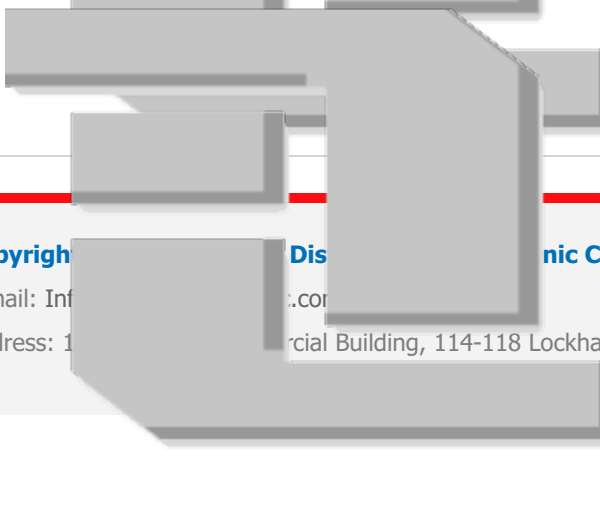
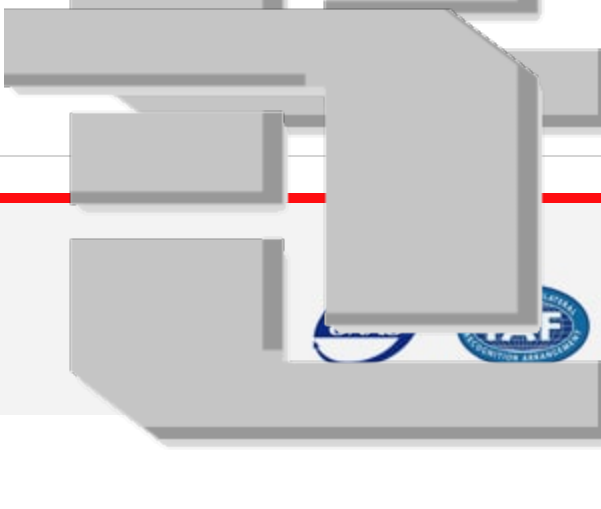
Specifications of DSP56F802TA60E

|                                  |                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------|
| PART NUMBER                      | DSP56F802TA60E                                                                  |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                  |
| DESCRIPTION                      | IC MCU 16BIT 16KB FLASH 32LQFP                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                      |
| QUANTITY AVAILABLE               | 4758 pcs                                                                        |
| DATA SHEET                       |                                                                                 |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                     |
| SUPPLIER DEVICE PACKAGE          | 32-LQFP (7x7)                                                                   |
| SPEED                            | 60MHz                                                                           |
| SERIES                           | 56F8xx                                                                          |
| RAM SIZE                         | 1K x 16                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                           |
| PROGRAM MEMORY SIZE              | 16KB (8K x 16)                                                                  |
| PERIPHERALS                      | POR, PWM, WDT                                                                   |
| PACKAGING                        | Tray                                                                            |
| PACKAGE / CASE                   | 32-LQFP                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                               |
| NUMBER OF I/O                    | 8                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                      |
| EEPROM SIZE                      | -                                                                               |
| DETAILED DESCRIPTION             | 56800 56F8xx Microcontroller IC 16-Bit 60MHz 16KB (8K x 16) FLASH 32-LQFP (7x7) |
| DATA CONVERTERS                  | A/D 5x12b                                                                       |
| CORE SIZE                        | 16-Bit                                                                          |
| CORE PROCESSOR                   | 56800                                                                           |
| CONNECTIVITY                     | SCI                                                                             |
| BASE PART NUMBER                 | DSP56F802                                                                       |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| DSP56F802TA60E               | DSP56F802TA60E Distributor        | DSP56F802TA60E Supplier  |
| DSP56F802TA60E Price         | DSP56F802TA60E Pictures           | DSP56F802TA60E Image     |
| DSP56F802TA60E PDF Datasheet | DSP56F802TA60E Download Datasheet | DSP56F802TA60E Datasheet |
| DSP56F802TA60E Stock         | Buy DSP56F802TA60E                | Buy DSP56F802TA60E       |
| DSP56F802TA60E               | Supplier                          | Distributor              |

Related Products

|                                                                                    |                                                                                                                                                |                                                                                      |                                                                                                                                                 |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>DSP56F803EVM</b></p> <p>Manufacturers: NXP</p> <p>Description: KIT EVALUATION FOR DSP56F803</p> <p>In stock: 4492 pcs</p> <p>RFQ</p>     |  | <p><b>DSP56F805FV80</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 16BIT 64KB FLASH 144LQFP</p> <p>In stock: 3155 pcs</p> <p>RFQ</p>  |
|  | <p><b>DSP56F802TA80E</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 16BIT 16KB FLASH 32LQFP</p> <p>In stock: 4960 pcs</p> <p>RFQ</p> |  | <p><b>DSP56F801FA60E</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 16BIT 16KB FLASH 48LQFP</p> <p>In stock: 9452 pcs</p> <p>RFQ</p>  |
|  | <p><b>DSP56F805EVM</b></p> <p>Manufacturers: NXP</p> <p>Description: KIT EVALUATION FOR DSP56F805</p> <p>In stock: 3900 pcs</p> <p>RFQ</p>     |  | <p><b>DSP56F801FA80E</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 16BIT 16KB FLASH 48LQFP</p> <p>In stock: 8703 pcs</p> <p>RFQ</p>  |
|  | <p><b>DSP56F800DEMO-E</b></p> <p>Manufacturers: NXP</p> <p>Description: KIT EVAL FOR DSP56F800 W/UPS</p> <p>In stock: 5976 pcs</p> <p>RFQ</p>  |  | <p><b>DSP56F803BU80E</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 16BIT 64KB FLASH 100LQFP</p> <p>In stock: 3823 pcs</p> <p>RFQ</p> |
|  | <p><b>DSP56F800DEMO</b></p> <p>Manufacturers: NXP</p> <p>Description: KIT EVALUATION FOR DSP56F800</p> <p>In stock: 4182 pcs</p> <p>RFQ</p>    |  | <p><b>DSP56F803BU80</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 16BIT 64KB FLASH 100LQFP</p> <p>In stock: 5426 pcs</p> <p>RFQ</p>  |
|  | <p><b>DSP56858FVE</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 16BIT 80KB SRAM 144LQFP</p> <p>In stock: 6564 pcs</p> <p>RFQ</p>    |  | <p><b>DSP56F801EVM</b></p> <p>Manufacturers: NXP</p> <p>Description: KIT EVALUATION FOR DSP56F801</p> <p>In stock: 5556 pcs</p> <p>RFQ</p>      |