

MC56F8255VLD



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Part Number: [MC56F8255VLD](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 16BIT 64KB FLASH 44LQFP

Data sheet:  [MC56F825x,824x Ref Manual](#)
 [MC56F82xx Fact Sheet](#)
 [MC56F825x/MC56F824x Errata](#)
 [MC56F825x/824x Datasheet](#)
 [MC56F825x/824x Product Brief](#)

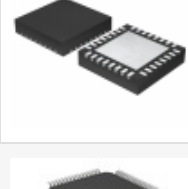
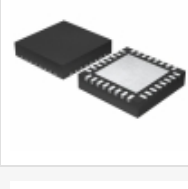
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	MC56F8255VLD	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 16BIT 64KB FLASH 44LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	18725 pcs	Data sheet	MC56F825x,824x Ref Manual MC56F82xx Fact Sheet MC56F825x/MC56F824x Errata MC56F825x/824x Datasheet MC56F825x/824x Product Brief
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	44-LQFP (10x10)	Speed	60MHz
Series	56F8xxx	RAM Size	4K x 16
Program Memory Type	FLASH	Program Memory Size	64KB (32K x 16)
Peripherals	LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	44-LQFP	Other Names	568-13580 935321557557 MC56F8255VLD-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	35	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	56800E 56F8xxx Microcontroller IC 16-Bit 60MHz 64KB (32K x 16) FLASH 44-LQFP (10x10)	Data Converters	A/D 8x12b, D/A 1x12b
Core Size	16-Bit	Core Processor	56800E
Connectivity	CANbus, I ² C, LINbus, SCI, SPI	Base Part Number	MC56F8255
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