

DSP56F827FG80E



Part Number: [DSP56F827FG80E](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 16BIT 128KB FLASH 128LQFP

Data sheet:  [DSP56F827 Series](#)

RoHs Status: Lead free / RoHS Compliant

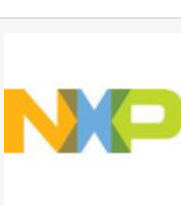
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PRODUCT PARAMETER			
Part Number	DSP56F827FG80E	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 16BIT 128KB FLASH 128LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5695 pcs	Data sheet	DSP56F827 Series
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.25 V ~ 2.75 V
Supplier Device Package	128-LQFP (14x20)	Speed	80MHz
Series	56F8xx	RAM Size	4K x 16
Program Memory Type	FLASH	Program Memory Size	128KB (64K x 16)
Peripherals	POR, PWM, WDT	Packaging	Tray
Package / Case	128-LQFP	Other Names	935309292557
Oscillator Type	External	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	64	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 80MHz 128KB (64K x 16) FLASH 128-LQFP (14x20)	Data Converters	A/D 10x12b
Core Size	16-Bit	Core Processor	56800
Connectivity	EBI/EMI, SCI, SPI, SSI	Base Part Number	DSP56F827
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	Part#: DSP56F805FV80E Description: IC MCU 16BIT 64KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: DSP56F826BU80 Description: IC MCU 16BIT 64KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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