

DSP56853FGE



Part Number: [DSP56853FGE](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 16BIT 24KB SRAM 128LQFP

Data sheet:  [DSP56853](#)

RoHS Status: Lead free / RoHS Compliant

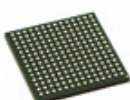
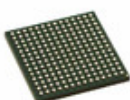
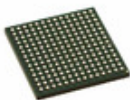
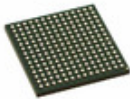
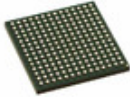
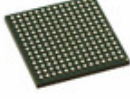
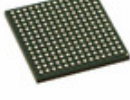
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Request For Quotation

PRODUCT PARAMETER			
Part Number	DSP56853FGE	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 16BIT 24KB SRAM 128LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4769 pcs	Data sheet	DSP56853
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.62 V ~ 1.98 V
Supplier Device Package	128-LQFP (14x20)	Speed	120MHz
Series	568xx	RAM Size	4K x 16
Program Memory Type	SRAM	Program Memory Size	24KB (12K x 16)
Peripherals	DMA, POR, WDT	Packaging	Tray
Package / Case	128-LQFP	Oscillator Type	External
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	41
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 24KB (12K x 16) SRAM 128-LQFP (14x20)
Data Converters	-	Core Size	16-Bit
Core Processor	56800E	Connectivity	EBI/EMI, SCI, SPI, SSI
Base Part Number	DSP56853		
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	Part#: DSP56321VL275 Description: IC DSP 24BIT 275MHZ 196MAPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: DSP56F801FA60E Description: IC MCU 16BIT 16KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: DSP56F802TA60E Description: IC MCU 16BIT 16KB FLASH 32LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: DSP56854FGE Description: IC MCU 16BIT 32KB SRAM 128LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: DSP56F802TA80E Description: IC MCU 16BIT 16KB FLASH 32LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: DSP56857BUE Description: IC MCU 16BIT 80KB SRAM 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ

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