

NXP Semiconductors / Freescale



LPC1788FET180,551

Part Number:	LPC1788FET180,551
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 180BGA
Datasheets:	
RoHS Status	 Lead free / RoHS Compliant
Stock Condition	7020 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of LPC1788FET180,551

PART NUMBER	LPC1788FET180,551
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 180BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	7020 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	2.4 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	180-TFBGA (12x12)
SPEED	120MHz
SERIES	LPC17xx
RAM SIZE	96K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, LCD, Motor Control PWM, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	180-TFBGA
OTHER NAMES	568-7577 935291862551 LPC1788FET180,551-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	141
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	4K x 8
DETAILED DESCRIPTION	ARM® Cortex®-M3 LPC17xx Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH 180-TFBGA (12x12)
DATA CONVERTERS	A/D 8x12b, D/A 1x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, EBI/EMI, Ethernet, I²C, Microwire, Memory Card, SPI, SSI, SSP, UART/USART, USB OTG
BASE PART NUMBER	LPC1788

Related Tags

LPC1788FET180,551	LPC1788FET180,551 Distributor	LPC1788FET180,551 Supplier
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Related Products

	LPC1812JET100E Manufacturers: NXP Description: IC MCU 32BIT 512KB FLSH 100TFBGA In stock: 9475 pcs RFQ		LPC1785FBD208,551 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 208LQFP In stock: 9570 pcs RFQ
	LPC17KM99-BTLR Manufacturers: Mechatronics Description: EC FAN 162X55MM 90-264VAC In stock: 1071 pcs RFQ		LPC1786FBD208,551 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 208LQFP In stock: 9243 pcs RFQ
	LPC1810FBD144,551 Manufacturers: NXP Description: IC MCU 32BIT ROMLESS 144LQFP In stock: 13422 pcs RFQ		LPC1812JBD144E Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 10041 pcs RFQ
	LPC1788FET208,551 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 208BGA In stock: 6919 pcs RFQ		LPC1810FET100,551 Manufacturers: NXP Description: IC MCU 32BIT ROMLESS 100TFBGA In stock: 19902 pcs RFQ
	LPC1785FBD208K Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 208LQFP In stock: 11302 pcs RFQ		LPC1788FBD208,551 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 208LQFP In stock: 7538 pcs RFQ
	LPC1788FBD144,551 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 6684 pcs RFQ		LPC1787FBD208,551 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 208LQFP In stock: 6736 pcs RFQ

