



NXP Semiconductors / Freescale

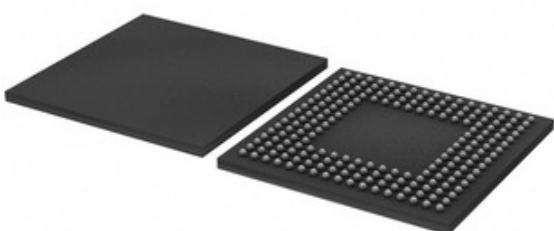


Image may be representation. See specifications for product details.

LPC1788FET208,551

Part Number: LPC1788FET208,551

Manufacturer/Brand: NXP Semiconductors / Freescale

Product description: IC MCU 32BIT 512KB FLASH 208BGA

Datasheets:

PDF1.LPC1788FET208,551.pdf

PDF2.LPC1788FET208,551.pdf

RoHS Status:

RoHS

Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

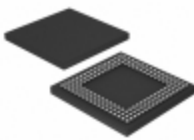
Specifications of LPC1788FET208,551

PART NUMBER	LPC1788FET208,551
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 208BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF1.LPC1788FET208,551.pdf PDF2.LPC1788FET208,551.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.4 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	208-TFBGA (15x15)
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	208-TFBGA
OTHER NAMES	568-6691 935291858551 LPC1788FET208551
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	165
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
MANUFACTURER STANDARD LEAD TIME	12 Weeks
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 208-TFBGA (15x15)
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

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 LPC1810FET100,551 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT ROMLESS 100TFBGA In stock: Out stock RFQ	 LPC17KM99-BTLR Manufacturers: Mechatronics Description: EC FAN 162X55MM 90-264VAC In stock: Out stock RFQ
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