



TM4C1231H6PGEIR

Part Number:	TM4C1231H6PGEIR
Manufacturer/Brand:	N/A
Product description	IC MCU 32BIT 256KB FLASH 144LQFP
Datasheets:	
RoHS Status	Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of TM4C1231H6PGEIR

PART NUMBER	TM4C1231H6PGEIR
MANUFACTURER	N/A
DESCRIPTION	IC MCU 32BIT 256KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.08 V ~ 3.63 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	80MHz
SERIES	Tiva™ C
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	144-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	105
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	20 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	2K x 8
DETAILED DESCRIPTION	ARM® Cortex®-M4F Tiva™ C Microcontroller IC 32-Bit 80MHz 256KB (256K x 8) FLASH 144-LQFP (20x20)
DATA CONVERTERS	A/D 24x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4F
CONNECTIVITY	CANbus, I²C, IrDA, Microwire, SPI, SSI, UART/USART
BASE PART NUMBER	TM4C1231

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TM4C1231H6PZII Manufacturers: N/A Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 18605 pcs RFQ	TM4C1231H6PMI7 Manufacturers: N/A Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: 17707 pcs RFQ
TM4C1231H6PMI7R Manufacturers: N/A Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: 20776 pcs RFQ	TM4C1231H6PZII7 Manufacturers: N/A Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 12433 pcs RFQ
TM4C1231E6PZIR Manufacturers: N/A Description: IC MCU 32BIT 128KB FLASH 100LQFP In stock: 23725 pcs RFQ	TM4C1231H6PGEI7 Manufacturers: N/A Description: IC MCU 32BIT 256KB FLASH 144LQFP In stock: 19622 pcs RFQ
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