



International Rectifier (Infineon Technologies)

Technologies)



XMC4504F144F512ABXQMA1

Part Number:	XMC4504F144F512ABXQMA1
Manufacturer/Brand:	International Rectifier (Infineon Technologies)
Product description	IC MCU 32BIT 512KB FLASH 144LQFP
	 1.XMC4504F144F512ABXQMA1.pdf
	 2.XMC4504F144F512ABXQMA1.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	4223 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

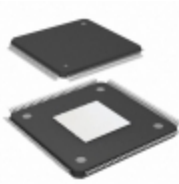
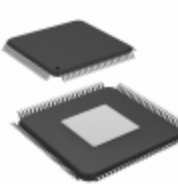
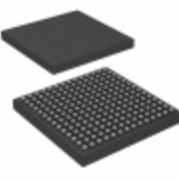
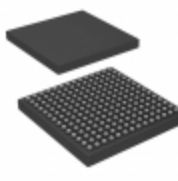
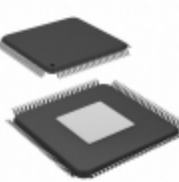
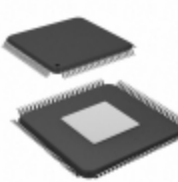
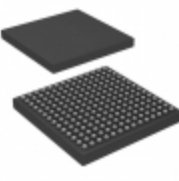
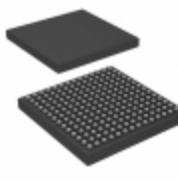
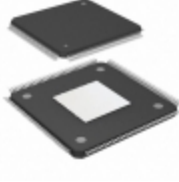
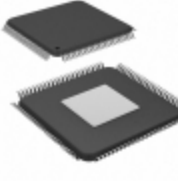
Specifications of XMC4504F144F512ABXQMA1

PART NUMBER	XMC4504F144F512ABXQMA1
MANUFACTURER	International Rectifier (Infineon Technologies)
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	4223 pcs
DATA SHEET	 1.XMC4504F144F512ABXQMA1.pdf  2.XMC4504F144F512ABXQMA1.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3.13 V ~ 3.63 V
SUPPLIER DEVICE PACKAGE	PG-LQFP-144
SPEED	120MHz
SERIES	XMC4000
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	DMA, I²S, LED, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LQFP
OTHER NAMES	XMC4504-F144F512 AA XMC4504-F144F512 AA-ND XMC4504-F144F512 AB XMC4504-F144F512 ABIN-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	91
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 XMC4000 Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH PG-LQFP-144
DATA CONVERTERS	A/D 32x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	EBI/EMI, I²C, LINbus, SPI, UART/USART
BASE PART NUMBER	XMC4504

Related Tags

International Rectifier (Infineon Technologies) XMC4504F144F512ABXQMA1	XMC4504F144F512ABXQMA1 Distributor	XMC4504F144F512ABXQMA1 Supplier
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International Rectifier (Infineon Technologies) XMC4504F144F512ABXQMA1	IR (Infineon Technologies) XMC4504F144F512ABXQMA1	

Related Products

 XMC4500F144K768ACXQMA1 Manufacturers: International Rectifier (Infineon Technologies) Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 11313 pcs RFQ	 XMC4502F100F768ACXQMA1 Manufacturers: International Rectifier (Infineon Technologies) Description: IC MCU 32BIT 768KB FLASH 100LQFP In stock: 18006 pcs RFQ
 XMC4700E196F1536AAXQMA1 Manufacturers: International Rectifier (Infineon Technologies) Description: IC MCU 32BIT 1.5MB FLASH 196FBGA In stock: 11777 pcs RFQ	 XMC4700E196K2048AAXQMA1 Manufacturers: International Rectifier (Infineon Technologies) Description: IC MCU 32BIT 2MB FLASH 196BGA In stock: 5525 pcs RFQ
 XMC4504F144F512ACXQMA1 Manufacturers: International Rectifier (Infineon Technologies) Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 9342 pcs RFQ	 XMC4504F144K512ACXQMA1 Manufacturers: International Rectifier (Infineon Technologies) Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 12575 pcs RFQ
 XMC4504F100F512ACXQMA1 Manufacturers: International Rectifier (Infineon Technologies) Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 16553 pcs RFQ	 XMC4504F100K512ACXQMA1 Manufacturers: International Rectifier (Infineon Technologies) Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 14735 pcs RFQ
 XMC4700E196K1536AAXQMA1 Manufacturers: International Rectifier (Infineon Technologies) Description: IC MCU 32BIT 1.5MB FLASH 196FBGA In stock: 9015 pcs RFQ	 XMC4700E196F2048AAXQMA1 Manufacturers: International Rectifier (Infineon Technologies) Description: IC MCU 32BIT 2MB FLASH 196FBGA In stock: 11162 pcs RFQ
 XMC4500F144K1024ACXQMA1 Manufacturers: International Rectifier (Infineon Technologies) Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 9799 pcs RFQ	 XMC4502F100K768ACXQMA1 Manufacturers: International Rectifier (Infineon Technologies) Description: IC MCU 32BIT 768KB FLASH 100LQFP In stock: 10472 pcs RFQ

