



Cypress Semiconductor



MB91F587LDPMC-GTK5E1

Part Number:	MB91F587LDPMC-GTK5E1
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC MCU 32BIT 1MB FLASH 144LQFP
Datasheets:	 MB91F587LDPMC-GTK5E1.pdf
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.

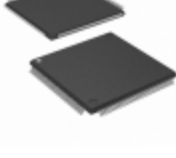
Specifications of MB91F587LDPMC-GTK5E1

PART NUMBER	MB91F587LDPMC-GTK5E1
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 1MB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 MB91F587LDPMC-GTK5E1.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3.7 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	128MHz
SERIES	FR MB91580L
RAM SIZE	104K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	1.0625MB (1.0625M x 8)
PERIPHERALS	DMA, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LQFP
OTHER NAMES	MB91F587LDPMC-GTE1 MB91F587LDPMC-GTE1-ND
OSCILLATOR TYPE	External
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	111
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	64K x 8
DETAILED DESCRIPTION	FR81S FR MB91580L Microcontroller IC 32-Bit 128MHz 1.0625MB (1.0625M x 8) FLASH 144-LQFP (20x20)
DATA CONVERTERS	A/D 24x12b, D/A 1x10b
CORE SIZE	32-Bit
CORE PROCESSOR	FR81S
CONNECTIVITY	CANbus, CSIO, EBI/EMI, I ² C, LINbus, SPI, UART/USART

Related Tags

Cypress Semiconductor MB91F587LDPMC-GTK5E1	MB91F587LDPMC-GTK5E1 Distributor	MB91F587LDPMC-GTK5E1 Supplier
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Cypress Semiconductor MB91F587LDPMC-GTK5E1	Cypress Semiconductor Supplier	Cypress Semiconductor Distributor
Cypress Semiconductor MB91F587LDPMC-GTK5E1	Cypress Semiconductor Corp MB91F587LDPMC-GTK5E1	

Related Products

 MB91F591BHSPMC-GSK5E2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 576KB FLASH 208LQFP In stock: Out stock RFQ	 MB91F586LCPMC-GTK5E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 832KB FLASH 144LQFP In stock: Out stock RFQ
 MB91F586LBPMC-GTK5E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 832KB FLASH 144LQFP In stock: Out stock RFQ	 MB91F586LDPMC-GTK5E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 832KB FLASH 144LQFP In stock: Out stock RFQ
 MB91F587LBPMC-GTK5E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: Out stock RFQ	 MB91F591BHPMC-GSK5E2 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 576KB FLASH 208LQFP In stock: Out stock RFQ
 MB91F591BHSPMC-GSK5E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 576KB FLASH 208LQFP In stock: Out stock RFQ	 MB91F587LCPMC-GTK5E1 Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: Out stock RFQ
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