

N/A

## RM44L520APGET

Part Number:	RM44L520APGET
Manufacturer/Brand:	N/A
Product description:	IC MCU 32BIT 768KB FLASH 144LQFP
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of RM44L520APGET

PART NUMBER	RM44L520APGET
MANUFACTURER	N/A
DESCRIPTION	IC MCU 32BIT 768KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.14 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	180MHz
SERIES	Hercules™ RM4 ARM® Cortex®-R4
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	768KB (768K x 8)
PERIPHERALS	DMA, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LQFP
OTHER NAMES	296-43907 RM44L520APGET-ND
OSCILLATOR TYPE	External
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	64
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	20 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	64K x 8
DETAILED DESCRIPTION	ARM® Cortex®-R4F Hercules™ RM4 ARM® Cortex®-R4 Microcontroller IC 16/32-Bit 180MHz 768KB (768K x 8) FLASH 144-LQFP (20x20)
DATA CONVERTERS	A/D 24x12b
CORE SIZE	16/32-Bit
CORE PROCESSOR	ARM® Cortex®-R4F
CONNECTIVITY	CANbus, I²C, LINbus, MibSPI, SCI, SPI, UART/USART

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### Related Products

<p><b>RM42L432PZT</b> Manufacturers: N/A Description: IC MCU 32BIT 384KB FLASH 100LQFP In stock: 4734 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>RM42L432BPZT</b> Manufacturers: N/A Description: IC MCU 32BIT 384KB FLASH 100LQFP In stock: 15482 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>RM440MS100BK</b> Manufacturers: Hammond Manufacturing Description: MACH SCREW FLAT PHIL #4-40 100PK In stock: 13401 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>RM46L430CZWTT</b> Manufacturers: N/A Description: IC MCU 32BIT 1MB FLASH 337NFBGA In stock: 4183 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>RM44L920APZT</b> Manufacturers: N/A Description: IC MCU 32BIT 1MB FLASH 100LQFP In stock: 6574 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>RM44L520APZT</b> Manufacturers: N/A Description: IC MCU 32BIT 768KB FLASH 100LQFP In stock: 7710 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>RM41L232BPZT</b> Manufacturers: N/A Description: IC MCU 32BIT 128KB FLASH 100LQFP In stock: 16880 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>RM440SN100BK</b> Manufacturers: Hammond Manufacturing Description: SPEED NUTS 4-40 100/PK In stock: 9072 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>RM4040</b> Manufacturers: Agastat Relays / TE Connectivity Description: SWITCH SELECT 2POS 6A 120V In stock: 4972 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>RM46L430CPGET</b> Manufacturers: N/A Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 4347 pcs</p> <p><a href="#">RFQ</a></p>
<p><b>RM44L920APGET</b> Manufacturers: N/A Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 6167 pcs</p> <p><a href="#">RFQ</a></p>	<p><b>RM46L430PGET</b> Manufacturers: N/A Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 5443 pcs</p> <p><a href="#">RFQ</a></p>