

MAC7101MAG40



Part Number: [MAC7101MAG40](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 544KB FLASH 144LQFP

Data sheet:  [MAC7100 Family](#)

RoHS Status: Lead free / RoHS Compliant

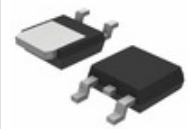
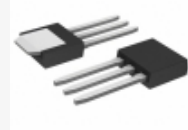
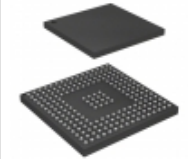
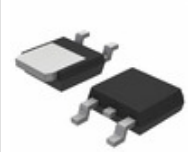
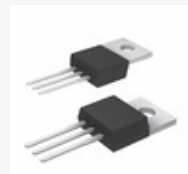
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PRODUCT PARAMETER			
Part Number	MAC7101MAG40	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 544KB FLASH 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	3168 pcs	Data sheet	MAC7100 Family
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.35 V ~ 5.5 V
Supplier Device Package	144-LQFP (20x20)	Speed	40MHz
Series	MAC7xxx	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	544KB (544K x 8)
Peripherals	DMA, POR	Packaging	Tray
Package / Case	144-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	112
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	32K x 8	Detailed Description	ARM7® MAC7xxx Microcontroller IC 32-Bit 40MHz 544KB (544K x 8) FLASH 144-LQFP (20x20)
Data Converters	A/D 32x8/10b	Core Size	32-Bit
Core Processor	ARM7®	Connectivity	CANbus, I²C, SCI, SPI
Base Part Number	MAC7101		
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	Part#: MAC7111MAG40 Description: IC MCU 32BIT 544KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MAC4DSNT4G Description: TRIAC SENS GATE 800V 4A DPAK	Manufacturers: Hamlin / Littelfuse	RFQ
	Part#: MAC4DSN-1G Description: TRIAC SENS GATE 800V 4A IPAK	Manufacturers: Hamlin / Littelfuse	RFQ
	Part#: MAC7131MVF40 Description: IC MCU 32BIT 544KB FLASH 208BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MAC7121MAG40 Description: IC MCU 32BIT 544KB FLASH 112LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MAC8MG Description: TRIAC 600V 8A TO220AB	Manufacturers: Hamlin / Littelfuse	RFQ
	Part#: MAC57D5-208DC Description: DC FOR MAC57D5XX 208 LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MAC6C Description: SWITCH SNAP ACTION SPDT 16A 250V	Manufacturers: APEM Inc.	RFQ
	Part#: MAC4DSN-001 Description: TRIAC SENS GATE 800V 4A IPAK	Manufacturers: AMI Semiconductor / ON Semiconductor	RFQ
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	Part#: MAC8SDG Description: TRIAC SENS GATE 400V 8A TO220AB	Manufacturers: Hamlin / Littelfuse	RFQ
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