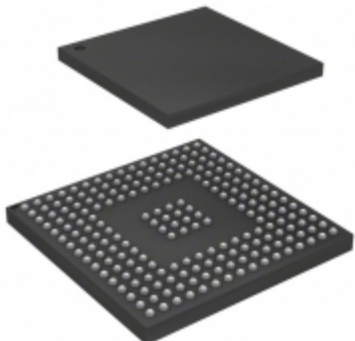


MAC7131MVF40



Part Number: [MAC7131MVF40](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 544KB FLASH 208BGA

Data sheet:  [MAC7100 Family](#)

RoHs Status: Contains lead / RoHS non-compliant

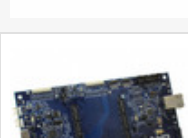
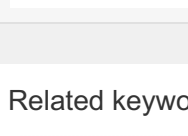
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER		
Part Number	MAC7131MVF40	Manufacturer NXP Semiconductors / Freescale
Description	IC MCU 32BIT 544KB FLASH 208BGA	Lead Free Status / RoHS Status Contains lead / RoHS non-compliant
Quantity Available	3300 pcs	Data sheet MAC7100 Family
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd) 2.35 V ~ 5.5 V
Supplier Device Package	208-MAPBGA (17x17)	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	208-BGA	Other Names 935316535557
Oscillator Type	Internal	Operating Temperature -40°C ~ 125°C (TA)
Number of I/O	128	Moisture Sensitivity Level (MSL) 3 (168 Hours)
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	EEPROM Size 32K x 8
Detailed Description	ARM7® MAC7xxx Microcontroller IC 32-Bit 40MHz 544KB (544K x 8) FLASH 208-MAPBGA (17x17)	Data Converters A/D 32x8/10b
Core Size	32-Bit	Core Processor ARM7®
Connectivity	CANbus, EBI/EMI, I²C, SCI, SPI	Base Part Number MAC7131
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	Part#: MAC8SMG Description: TRIAC SENS GATE 600V 8A TO220AB	Manufacturers: Hamlin / Littelfuse RFQ
	Part#: MAC7111MAG50 Description: 32-BIT MCU ARM7TDMI-S 512KB FL	Manufacturers: NXP Semiconductors / Freescale RFQ
	Part#: MAC7111MAG40 Description: IC MCU 32BIT 544KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale RFQ
	Part#: MAC8SNG Description: TRIAC SENS GATE 800V 8A TO220AB	Manufacturers: Hamlin / Littelfuse RFQ
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	Part#: MAC6A Description: SWITCH SNAP ACTION SPDT 16A 250V	Manufacturers: APEM Inc. RFQ
	Part#: MAC8SDG Description: TRIAC SENS GATE 400V 8A TO220AB	Manufacturers: Hamlin / Littelfuse RFQ
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	Part#: MAC6C Description: SWITCH SNAP ACTION SPDT 16A 250V	Manufacturers: APEM Inc. RFQ
	Part#: MAC97A4G Description: TRIAC SENS GATE 200V 0.6A TO92-3	Manufacturers: AMI Semiconductor / ON Semiconductor RFQ
	Part#: MAC6B Description: SWITCH SNAP ACTION SPDT 16A 250V	Manufacturers: APEM Inc. RFQ
	Part#: MAC8MG Description: TRIAC 600V 8A TO220AB	Manufacturers: Hamlin / Littelfuse RFQ
	Part#: MAC7121MAG40 Description: IC MCU 32BIT 544KB FLASH 112LQFP	Manufacturers: NXP Semiconductors / Freescale RFQ
	Part#: MAC8SN Description: TRIAC SENS GATE 800V 8A TO220AB	Manufacturers: AMI Semiconductor / ON Semiconductor RFQ
	Part#: MAC8DG Description: TRIAC 400V 8A TO220AB	Manufacturers: Hamlin / Littelfuse RFQ
	Part#: MAC7101MAG40 Description: IC MCU 32BIT 544KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale RFQ

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