

MAX32631ICQ+W



Part Number: [MAX32631ICQ+W](#)

Manufacturer: [Maxim Integrated](#)

Description: IC MCU 32BIT 2MB FLASH 100TQFP

Data sheet:  [MAX32630 Errata RevA2](#)
 [MAX32630 Errata RevA1](#)
 [MAX32630,31 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

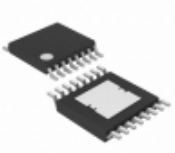
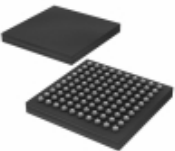
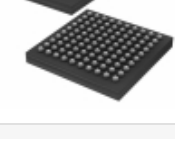
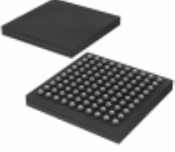
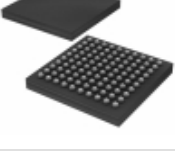
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PRODUCT PARAMETER			
Part Number	MAX32631ICQ+W	Manufacturer	Maxim Integrated
Description	IC MCU 32BIT 2MB FLASH 100TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4241 pcs	Data sheet	MAX32630 Errata RevA2 MAX32630 Errata RevA1 MAX32630,31 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.14 V ~ 3.6 V
Supplier Device Package	-	Speed	96MHz
Series	-	RAM Size	512K x 8
Program Memory Type	FLASH	Program Memory Size	2MB (2M x 8)
Peripherals	Brown-out Detect/Reset, POR, PWM, TPU, WDT	Packaging	Tube
Package / Case	-	Other Names	90-B0431+RBW
Oscillator Type	Internal	Operating Temperature	-20°C ~ 85°C (TA)
Number of I/O	66	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	ARM® Cortex®-M4F - Microcontroller IC 32-Bit 96MHz 2MB (2M x 8) FLASH	Data Converters	A/D 4x10b
Core Size	32-Bit	Core Processor	ARM® Cortex®-M4F
Connectivity	1-Wire, I²C, SPI, UART/USART, USB		
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	Part#: MAX32630ICQ+W Description: IC MCU 32BIT 2MB FLASH 100QFP	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX32631-EVKIT# Description: EVAL KIT MAX32632 ARM CORTEX-M4	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX32631IWG+W Description: IC MCU 32BIT 2MB FLASH 100WLP	Manufacturers: Maxim Integrated	RFQ
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	Part#: MAX32630FTTHR# Description: EVAL FOR MAX32630	Manufacturers: Maxim Integrated	RFQ
	Part#: MAX32631IWG+T Description: IC MCU 32BIT 2MB FLASH 100WLP	Manufacturers: Maxim Integrated	RFQ

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