



Cypress Semiconductor

## MB9AF131NPMC-G-SNE2

Part Number:	MB9AF131NPMC-G-SNE2
Manufacturer/Brand:	Cypress Semiconductor
Product description:	IC MCU 32BIT 64KB FLASH
Datasheets:	<a href="#">MB9AF131NPMC-G-SNE2.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	22454 pcs stock
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 MB9AF131NPMC-G-SNE2

PART NUMBER	MB9AF131NPMC-G-SNE2
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 64KB FLASH
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	22454 pcs
DATA SHEET	<a href="#">MB9AF131NPMC-G-SNE2.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 5.5 V
SPEED	20MHz
SERIES	FM3 MB9A130N
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	LVD, POR, PWM, WDT
OTHER NAMES	CY9AF131NPMC-G-SNE2
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	67
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M3 FM3 MB9A130N Microcontroller IC 32-Bit 20MHz 64KB (64K x 8) FLASH
DATA CONVERTERS	A/D 12x12b, D/A 2x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CSIO, I <sup>2</sup> C, UART/USART

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