

Microcontrollers (MCU) 32BIT MCU 8K ROM

Manufacturers	NXP Semiconductor
Package/Case	PQFP-160
Product Type	Programmable Logic ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC68376BACAB20 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MC68376BACAB20 is a microcontroller unit (MCU) produced by NXP Semiconductors (formerly Freescale Semiconductor). It belongs to the MC68376 family, which is based on the Motorola 68000 processor core.

Features

- 16-bit external bus interface
- 32-bit internal bus interface
- 32 MHz maximum CPU clock frequency
- 128 KB Flash memory and 4 KB RAM
- 16-channel 10-bit analog-to-digital converter (ADC)
- 4-channel pulse width modulation (PWM)
- 4-channel timer

Application

- MC68376BACAB25
- MC68376BACAB33
- MC68376BACAB40
- MC68376BACAE16
- MC68376BACAE20
- MC68376BACAE25
- MC68376BACAE33
- MC68376BACAE40



Related Products



[MC9S12NE64VTUE](#)

NXP Semiconductor
TQFP-80



[MC912D60ACFUE8](#)

NXP Semiconductor
QFP-80



[MC9S08GB60CFU](#)

NXP Semiconductor
64-LQFP



[MC908AZ32ACFUE](#)

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[MC9S08GB60ACFUE](#)

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LQFP-64



[MC908AB32CFUE](#)

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PQFP-64



[MC912DG128CCPVE](#)

NXP Semiconductor
TQFP-112



[MC908QY8VDWE](#)

NXP Semiconductor
SOIC-16