



Image may be representation.
See specifications for product details.



SC68376BAMAB20

Manufacturer Part Number	SC68376BAMAB20
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-SC68376BAMAB20
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 32BIT ROMLESS 160QFP
Package	160-BQFP
Data sheet	MC68336/376 appendix B.pdf MC68336/376 User Manual.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SC68376BAMAB20 - NXP USA Inc..New Original in Stock. Download Linear Technology SC68376BAMAB20 datasheet/specifications on AllelcoElec.com.
Request a quote for SC68376BAMAB20, please send us email: info@allelco.com

Specifications

SC68376BAMAB20 Tech Specifications

SC68376BAMAB20 - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Oscillator Type	External
Voltage - Supply (Vcc/Vdd)	4.75V ~ 5.25V	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package	160-QFP (28x28)	Number of I/O	18
Speed	20MHz	Mounting Type	Surface Mount
Series	M683xx	EEPROM Size	-
RAM Size	7.5K x 8	Data Converters	A/D 16x10b
Program Memory Type	ROMless	Core Size	32-Bit Single-Core
Program Memory Size	-	Core Processor	CPU32
Peripherals	POR, PWM, WDT	Connectivity	CANbus, EBI/EMI, SCI, SPI
Package / Case	160-BQFP	Base Product Number	SC68376
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. SC68376BAMAB20

Product Attribute				
Part Number	SC68376BAMAB20	SC68376BGMAB20	SC68376BG CAB20	SC6810-381G
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	SPREADTRUM
Series	M683xx	M683xx	M683xx	-
Connectivity	CANbus, EBI/EMI, SCI, SPI	CANbus, EBI/EMI, SCI, SPI	CANbus, EBI/EMI, SCI, SPI	-
Base Product Number	SC68376	SC68376	SC68376	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	-
Number of I/O	18	18	18	-
Supplier Device Package	160-QFP (28x28)	160-QFP (28x28)	160-QFP (28x28)	-
Core Processor	CPU32	CPU32	CPU32	-
Program Memory Type	ROMless	ROMless	ROMless	-
Voltage - Supply (Vcc/Vdd)	4.75V ~ 5.25V	4.75V ~ 5.25V	4.75V ~ 5.25V	-
Package / Case	160-BQFP	160-BQFP	160-BQFP	-
EEPROM Size	-	-	-	-
Data Converters	A/D 16x10b	A/D 16x10b	A/D 16x10b	-
Program Memory Size	-	-	-	-
Package	Tray	Tray	Tray	-
RAM Size	7.5K x 8	7.5K x 8	7.5K x 8	-
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-
Oscillator Type	External	External	External	-
Speed	20MHz	20MHz	20MHz	-
Peripherals	POR, PWM, WDT	POR, PWM, WDT	POR, PWM, WDT	-
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	-

SC68376BAMAB20 Datasheet PDF

Download SC68376BAMAB20 pdf datasheets and NXP USA Inc. documentation for SC68376BAMAB20 - NXP USA Inc..

Datasheets

[MC68336/376 appendix B.pdf](#)

[MC68336/376 User Manual.pdf](#)


PCN Packaging

[All Dev Label Update 15/Dec/2020.pdf](#)

[Mult Dev Pkg Seal 15/Dec/2020.pdf](#)



















Environmental Information

 NXP USA Inc REACH.pdf

 NXP USA Inc RoHS Cert.pdf

Customers Also Interested in

Recommended Products

 NO PICTURE	 NO PICTURE	 NO PICTURE	 NO PICTURE	 NO PICTURE	
SC6810-381G SPREADTRUM	SC6821A SPREADT	SC6820ES SPREADTRU	SC680EYB IMI	SC6820I SPREADTRUM	SC68376BGMAB20 NXP USA Inc. IC MCU 32BIT ROMLESS 160QFP
 NO PICTURE	 NO PICTURE	 NO PICTURE			 NO PICTURE
SC6820 SPREADTRUM	SC6815T SPREADTRU	SC68C94C1A NS	SC68C2550BIB48 Freescale / NXP Semiconductors	SC68C562C1A LUMILEDS	SC68C652C1A
	 NO PICTURE		 NO PICTURE		 NO PICTURE
SC68376BGCAB20 NXP USA Inc. IC MCU 32BIT ROMLESS 160QFP	SC6815A SPREADTRUM	SC68C198C1A LUMILEDS	SC6815AS SPREADTRU	SC68C752BIB48 LUMILEDS	SC6825A SPREADTRUM

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
- > Use our account for the shipment. Refer to the table below for the approximate charges.
(Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00


Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.


Payment Support


The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -

 Efficient Supply Management

 Cost-Saving Procurement

 Fast Sourcing & Delivery

Contact us if you have any questions.

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Certifications & Memberships



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