

Image may be representation.
See specifications for product details.



MC56F81768VLH

Manufacturer Part Number	MC56F81768VLH
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-MC56F81768VLH
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC DSC 128KB/20KB LQFP64
Package	64-LQFP
Data sheet	MC56F81yyy.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MC56F81768VLH - NXP USA Inc..New Original in Stock. Download Linear Technology MC56F81768VLH datasheet/specifications on AllelcoElec.com.
Request a quote for MC56F81768VLH, please send us email: info@allelco.com

Specifications

MC56F81768VLH Tech Specifications

MC56F81768VLH - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Operating Temperature	-40°C ~ 105°C (TA)
Voltage - I/O	3.30V	On-Chip RAM	20kB
Voltage - Core	2.7V, 3.6V	Non-Volatile Memory	FLASH (128kB)
Type	-	Mounting Type	Surface Mount
Supplier Device Package	64-LQFP (10x10)	Interface	I ² C, SCI, SPI
Series	56F8xxx	Clock Rate	100MHz
Package / Case	64-LQFP	Base Product Number	MC56F81768
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MC56F81768VLH

Product Attribute				
Part Number	MC56F81768VLH	MC56F81668VLH	MC56F81666VLF	MC56F81746VLF
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Non-Volatile Memory	FLASH (128kB)	FLASH (128kB)	FLASH (128kB)	FLASH (64kB)
Series	56F8xxx	56F8xxx	56F8xxx	56F8xxx
Operating Temperature	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)
Package / Case	64-LQFP	64-LQFP	48-LQFP	48-LQFP
Voltage - I/O	3.30V	3.30V	3.30V	3.30V
Supplier Device Package	64-LQFP (10x10)	64-LQFP (10x10)	48-LQFP (7x7)	48-LQFP (7x7)
On-Chip RAM	20kB	20kB	20kB	12kB
Package	Tray	Tray	Tray	Tray
Type	-	-	-	-
Clock Rate	100MHz	100MHz	100MHz	100MHz
Voltage - Core	2.7V, 3.6V	2.7V, 3.6V	2.7V, 3.6V	3.30V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	MC56F81768	MC56F81668	MC56F81666	MC56F81746
Interface	I ² C, SCI, SPI	I ² C, SCI, SPI	I ² C, SCI, SPI	I ² C, SCI, SPI

MC56F81768VLH Datasheet PDF

Download MC56F81768VLH pdf datasheets and NXP USA Inc. documentation for MC56F81768VLH - NXP USA Inc..

Datasheets

[MC56F81yyy.pdf](#)

Environmental Information

[NXP USA Inc REACH.pdf](#)

[NXP USA Inc RoHS Cert.pdf](#)

PCN Packaging

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

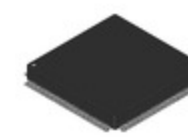
[Mult Dev Pkg Chgs 8/Feb/2022.pdf](#)

PCN Assembly/Origin

[Mult Dev A/T Site 8/Feb/2021.pdf](#)

Customers Also Interested in

Recommended Products



MC56F8165VFGE

Freescale Semiconductor
16-bit DSC, 56800E core, 512KB F

MC56F82313VLC

NXP USA Inc.
IC MCU 32BIT 16KB FLASH 32LQFP

MC56F81668VLH

NXP USA Inc.
IC DSC 128KB/20KB LQFP64

MC56F8245VLD

NXP USA Inc.
IC MCU 16BIT 48KB FLASH 44LQFP

MC56F8157VPYE

Freescale Semiconductor
IC MCU 16BIT 256KB FLASH
160LQFP

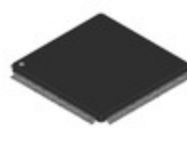
MC56F81666VLF

NXP USA Inc.
IC DSC 128KB/20KB LQFP48



MC56F8166VFVE

NXP USA Inc.
IC MCU 16BIT 512KB FLASH
144LQFP



MC56F8166VLF

Freescale Semiconductor
DSP, 56800E CORE, 16 BIT SIZE, 1
144LQFP



MC56F82313V

Freescale / NXP Semiconductors



MC56F81646VLF

NXP USA Inc.
32-BIT DSC, 56800EX CORE, 64KB F



MC56F81746VLF

NXP USA Inc.
IC DSC 64KB/12KB LQFP48



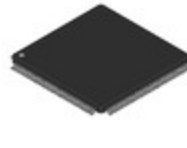
MC56F82313VLC

Freescale Semiconductor
IC MCU 32BIT 16KB FLASH 32LQFP



MC56F8165VFGE

NXP USA Inc.
IC MCU 16BIT 512KB FLASH
128LQFP



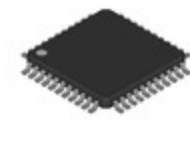
MC56F8166VFVE

Freescale Semiconductor
IC MCU 16BIT 512KB FLASH
144LQFP



MC56F8246MLF

Freescale Semiconductor
IC MCU 16BIT 48KB FLASH 48LQFP



MC56F8245VLD

Freescale Semiconductor
IC MCU 16BIT 48KB FLASH 44LQFP



MC56F8245MLD

NXP USA Inc.
IC MCU 16BIT 48KB FLASH 44LQFP



MC56F8246MLF

NXP USA Inc.
IC MCU 16BIT 48KB FLASH 48LQFP

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.



Phone

+00852 9146 4856



Email

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Certifications & Memberships



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