



Image may be representation.
See specifications for product details.



MC56F8367VPYE

Manufacturer Part Number	MC56F8367VPYE
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-MC56F8367VPYE
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC MCU 16BIT 512KB FLASH 160LQFP
Package	160-LQFP
Data sheet	MC56F8367VPYE.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MC56F8367VPYE - NXP USA Inc..New Original in Stock. Download Linear Technology MC56F8367VPYE datasheet/specifications on AllelcoElec.com.
Request a quote for MC56F8367VPYE, please send us email: info@allelco.com

Specifications

MC56F8367VPYE Tech Specifications
MC56F8367VPYE - 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)	2.25V ~ 3.6V	Operating Temperature	-40°C ~ 105°C (TA)
Supplier Device Package	160-LQFP (24x24)	Number of I/O	76
Speed	60MHz	Mounting Type	Surface Mount
Series	56F8xxx	EEPROM Size	-
RAM Size	18K x 16	Data Converters	A/D 16x12b
Program Memory Type	FLASH	Core Size	16-Bit
Program Memory Size	512KB (256K x 16)	Core Processor	56800E
Peripherals	POR, PWM, Temp Sensor, WDT	Connectivity	CANbus, EBI/EMI, SCI, SPI
Package / Case	160-LQFP	Base Product Number	MC56F83
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MC56F8367VPYE

Product Attribute				
Part Number	MC56F8367VPYE	MC56F8365VFG	MC56F8366MFVE	MC56F8366VFVE
Manufacturer	NXP USA Inc.	NXP USA Inc.	Freescale Semiconductor	NXP USA Inc.
Core Processor	56800E	56800E	56800E	56800E
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Oscillator Type	External	External	External	External
Base Product Number	MC56F83	MC56F83	MC56F83	MC56F83
RAM Size	18K x 16	18K x 16	18K x 16	18K x 16
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Supplier Device Package	160-LQFP (24x24)	128-LQFP (14x20)	144-LQFP (20x20)	144-LQFP (20x20)
Peripherals	POR, PWM, Temp Sensor, WDT	POR, PWM, Temp Sensor, WDT	POR, PWM, Temp Sensor, WDT	POR, PWM, Temp Sensor, WDT
Data Converters	A/D 16x12b	A/D 16x12b	A/D 16x12b	A/D 16x12b
Program Memory Size	512KB (256K x 16)	512KB (256K x 16)	512KB (256K x 16)	512KB (256K x 16)
Package / Case	160-LQFP	128-LQFP	144-LQFP	144-LQFP
Core Size	16-Bit	16-Bit	16-Bit	16-Bit
Speed	60MHz	60MHz	60MHz	60MHz
EEPROM Size	-	-	-	-
Series	56F8xxx	56F8xxx	56F8xxx	56F8xxx
Voltage - Supply (Vcc/Vdd)	2.25V ~ 3.6V	2.25V ~ 3.6V	2.25V ~ 3.6V	2.25V ~ 3.6V
Operating Temperature	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 105°C (TA)
Package	Tray	Tray	Bulk	Tray
Connectivity	CANbus, EBI/EMI, SCI, SPI	CANbus, EBI/EMI, SCI, SPI	CANbus, EBI/EMI, SCI, SPI	CANbus, EBI/EMI, SCI, SPI
Number of I/O	76	49	62	62

MC56F8367VPYE Datasheet PDF

Download MC56F8367VPYE pdf datasheets and NXP USA Inc. documentation for MC56F8367VPYE - NXP USA Inc..

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

MC56F8365VFGE NXP USA Inc. IC MCU 16BIT 512KB FLASH 128LQFP	MC56F84442V Freescale / NXP Semiconductors	MC56F8366MFVE Freescale Semiconductor IC MCU 16BIT 512KB FLASH 144LQFP	MC56F8366VFVE NXP USA Inc. IC MCU 16BIT 512KB FLASH 144LQFP	MC56F8357VPY60 MOTOROLA	MC56F84442VLH NXP USA Inc. IC MCU 32BIT 64KB FLASH 64LQFP
MC56F84543VLH NXP USA Inc. IC MCU 32BIT 64KB FLASH 64LQFP	MC56F8357VPYE Freescale Semiconductor IC MCU 16BIT 256KB FLASH 160LQFP	MC56F84441VLF NXP USA Inc. IC MCU 32BIT 64KB FLASH 48LQFP	MC56F83786VLK NXP USA Inc. IC MCU 32BIT 256KB FLASH 80LQFP	MC56F8357VPYE NXP USA Inc. IC MCU 16BIT 256KB FLASH 160LQFP	MC56F8367MPYE NXP USA Inc. IC MCU 16BIT 512KB FLASH 160LQFP
MC56F8365MFGE NXP USA Inc. IC MCU 16BIT 512KB FLASH 128LQFP	MC56F83686VLK NXP USA Inc. IC MCU 32BIT 256KB FLASH 80LQFP	MC56F84441VLF Freescale Semiconductor MC56F84462 - 32-bit DSC, 56800EX	MC56F8366MFVE NXP USA Inc. IC MCU 16BIT 512KB FLASH 144LQFP	MC56F8442V Freescale / NXP Semiconductors	MC56F8366MFV60 Freescale / NXP Semiconductors

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.

<p>Payment Support</p> <p>The payment method can be chosen from the methods shown below: Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.</p>	<p>Your Faithful Supply Chain Partner -</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> Efficient Supply Management </div> <div style="text-align: center;"> Cost-Saving Procurement </div> <div style="text-align: center;"> Fast Sourcing & Delivery </div> </div> <p>Contact us if you have any questions.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> Phone +00852 9146 4856 </div> <div style="text-align: center;"> Email info@allelco.com </div> </div>	<p>Certifications & Memberships</p> <div style="display: flex; justify-content: space-around;"> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> </div> <p style="text-align: right; font-size: small;">View More</p>
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