

# SPC5674FK0MVY3R

#### SPC5674FK0MVY3R Information



Part Number SPC5674FK0MVY3R

Manufacturer NXP

Category Integrated Circuits (ICs)

Embedded - Microcontrollers

**Description** NXP 32-BIT MCU POWER ARCH CORE

Package 516-BBGA

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

# **Certified Quality**

For Reference Only

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









## SPC5674FK0MVY3R Specifications

Manufacturer Part Number         SPC5674FK0MVY3R           Manufacturer         NXP           Category         Integrated Circuits (ICs)           Embedded - Microcontrollers           Package         516-BBGA           Series         MPC56xx Qorivva           Core Processor         e200z7           Core Size         32-Bit           Speed         264MHz           Connectivity         CANbus, EBI/EMI, SCI, SPI           Peripherals         DMA, POR, PWM           Number of I/O         32           Program Memory Size         4MB (4M x 8)           Program Memory Type         FLASH           EEPROM Size         -           RAM Size         256K x 8           Voltage - Supply (Vcc/Vdd)         1.08 V ~ 5.25 V           Data Converters         A/D 64x12b	•	
Category         Integrated Circuits (ICs)           Embedded - Microcontrollers           Package         516-BBGA           Series         MPC56xx Qorivva           Core Processor         e200z7           Core Size         32-Bit           Speed         264MHz           Connectivity         CANbus, EBI/EMI, SCI, SPI           Peripherals         DMA, POR, PWM           Number of I/O         32           Program Memory Size         4MB (4M x 8)           Program Memory Type         FLASH           EEPROM Size         -           RAM Size         256K x 8           Voltage - Supply (Vcc/Vdd)         1.08 V ~ 5.25 V	Manufacturer Part Number	SPC5674FK0MVY3R
Embedded - Microcontrollers         Package       516-BBGA         Series       MPC56xx Qorivva         Core Processor       e200z7         Core Size       32-Bit         Speed       264MHz         Connectivity       CANbus, EBI/EMI, SCI, SPI         Peripherals       DMA, POR, PWM         Number of I/O       32         Program Memory Size       4MB (4M x 8)         Program Memory Type       FLASH         EEPROM Size       -         RAM Size       256K x 8         Voltage - Supply (Vcc/Vdd)       1.08 V ~ 5.25 V	Manufacturer	NXP
Package 516-BBGA  Series MPC56xx Qorivva  Core Processor e200z7  Core Size 32-Bit  Speed 264MHz  Connectivity CANbus, EBI/EMI, SCI, SPI  Peripherals DMA, POR, PWM  Number of I/O 32  Program Memory Size 4MB (4M x 8)  Program Memory Type FLASH  EEPROM Size -  RAM Size 256K x 8  Voltage - Supply (Vcc/Vdd) 1.08 V ~ 5.25 V	Category	Integrated Circuits (ICs)
SeriesMPC56xx QorivvaCore Processor $e200z7$ Core Size $32$ -BitSpeed $264MHz$ ConnectivityCANbus, EBI/EMI, SCI, SPIPeripheralsDMA, POR, PWMNumber of I/O $32$ Program Memory Size $4MB$ ( $4M \times 8$ )Program Memory TypeFLASHEEPROM Size-RAM Size $256K \times 8$ Voltage - Supply (Vcc/Vdd) $1.08 \text{ V} \sim 5.25 \text{ V}$		Embedded - Microcontrollers
Core Processor       e200z7         Core Size       32-Bit         Speed       264MHz         Connectivity       CANbus, EBI/EMI, SCI, SPI         Peripherals       DMA, POR, PWM         Number of I/O       32         Program Memory Size       4MB (4M x 8)         Program Memory Type       FLASH         EEPROM Size       -         RAM Size       256K x 8         Voltage - Supply (Vcc/Vdd)       1.08 V ~ 5.25 V	Package	516-BBGA
Core Size 32-Bit  Speed 264MHz  Connectivity CANbus, EBI/EMI, SCI, SPI  Peripherals DMA, POR, PWM  Number of I/O 32  Program Memory Size 4MB (4M x 8)  Program Memory Type FLASH  EEPROM Size -  RAM Size 256K x 8  Voltage - Supply (Vcc/Vdd) 1.08 V ~ 5.25 V	Series	MPC56xx Qorivva
Speed 264MHz Connectivity CANbus, EBI/EMI, SCI, SPI Peripherals DMA, POR, PWM Number of I/O 32 Program Memory Size 4MB (4M x 8) Program Memory Type FLASH EEPROM Size - RAM Size 256K x 8 Voltage - Supply (Vcc/Vdd) 1.08 V ~ 5.25 V	Core Processor	e200z7
Connectivity CANbus, EBI/EMI, SCI, SPI  Peripherals DMA, POR, PWM  Number of I/O 32  Program Memory Size 4MB (4M x 8)  Program Memory Type FLASH  EEPROM Size - RAM Size 256K x 8  Voltage - Supply (Vcc/Vdd) 1.08 V ~ 5.25 V	Core Size	32-Bit
Peripherals  DMA, POR, PWM  Number of I/O  32  Program Memory Size  4MB (4M x 8)  Program Memory Type  FLASH  EEPROM Size  -  RAM Size  256K x 8  Voltage - Supply (Vcc/Vdd)  1.08 V ~ 5.25 V	Speed	264MHz
Number of I/O       32         Program Memory Size       4MB (4M x 8)         Program Memory Type       FLASH         EEPROM Size       -         RAM Size       256K x 8         Voltage - Supply (Vcc/Vdd)       1.08 V ~ 5.25 V	Connectivity	CANbus, EBI/EMI, SCI, SPI
Program Memory Size 4MB (4M x 8)  Program Memory Type FLASH  EEPROM Size -  RAM Size 256K x 8  Voltage - Supply (Vcc/Vdd) 1.08 V ~ 5.25 V	Peripherals	DMA, POR, PWM
Program Memory Type FLASH  EEPROM Size -   RAM Size $256K \times 8$ Voltage - Supply (Vcc/Vdd) $1.08 \text{ V} \sim 5.25 \text{ V}$	Number of I/O	32
EEPROM Size       -         RAM Size       256K x 8         Voltage - Supply (Vcc/Vdd)       1.08 V ~ 5.25 V	Program Memory Size	4MB (4M x 8)
RAM Size $256K \times 8$ Voltage - Supply (Vcc/Vdd) $1.08 \text{ V} \sim 5.25 \text{ V}$	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd) 1.08 V ~ 5.25 V	EEPROM Size	-
	RAM Size	256K x 8
Data Converters A/D 64x12b	Voltage - Supply (Vcc/Vdd)	1.08 V ~ 5.25 V
	Data Converters	A/D 64x12b
Oscillator Type External	Oscillator Type	External
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TA)}$	Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type -	Mounting Type	-
Package / Case 516-BBGA	Package / Case	516-BBGA
Supplier Device Package 516-FPBGA (27x27)	Supplier Device Package	516-FPBGA (27x27)
Report errors?		Report errors?

#### SPC5674FK0MVY3R Guarantees



### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## SPC5674FK0MVY3R Payment Methods



















# SPC5674FK0MVY3R Shipping Methods













If you have any question about SPC5674FK0MVY3R, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com