

## SPC5742PK1AMLQ9R

#### SPC5742PK1AMLQ9R Information

www.helsener.com	Part Number Manufacturer Category Description Package	SPC5742PK1AMLQ9R NXP Integrated Circuits (ICs) Embedded - Microcontrollers 1.5MB NVM 2 X E200Z4 CORES 200 144-LQFP For the pricing/inventory/lead time, please contact us	
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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### SPC5742PK1AMLQ9R Specifications

SeriesMPC57xxCore Processore200z4Core Size32-Bit Dual-CoreSpeed200MHzConnectivityCANbus, Ethernet, FlexRay, LINbus, SPI, UART/USARTPeripheralsDMA, LVD, POR, WDTNumber of I/O-Program Memory Size1.5MB (1.5M x 8)Program Memory TypeFLASHEEPROM Size-RAM Size192K x 8Voltage - Supply (Vcc/Vdd)3.15 V ~ 5.5 VData ConvertersAD 64x12bOperating Temperature-Qouring Type-Prokage / Case144-LQFP (20x20)			
CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage144-LQFPSeriesMPC57xxCore Processore200z4Core Size32-Bit Dual-CoreSped000HzConnectivityCANbus, Ethernet, FlexRay, LINbus, SPI, UART/USARTPoripheralsDMA, LVD, POR, WDTNumber of I/O-Program Memory Size1.5MB (1.5M x 8)EEPROM Size-RAM Size192K x 8Voltage - Supply (Vcc/Vdd)3.15 V ~ 5.5 VData ConvertersA/D 64x12bOperating Temperature4.0°C ~ 125°C (TA)Mounting Type-Package / Case144-LQFP (20x20)	Manufacturer Part Number	SPC5742PK1AMLQ9R	
Indext and the set of the se	Manufacturer	NXP	
Package144-LQFPSeriesMPC57xxCore Processore200z4Core Size32-Bit Dual-CoreSpeed200MHzConnectivityCANbus, Ethernet, FlexRay, LINbus, SPI, UART/USARTPeripheralsDMA, LVD, POR, WDTNumber of I/O-Program Memory Size1.5MB (1.5M x 8)PEROM Size-RAM Size192K x 8Voltage - Supply (Vcc/Vdd)3.15 V ~ 5.5 VData ConvertersA/D 64x12bOscillator TypeInternalOperating Temperature4.0°C ~ 125°C (TA)Mounting Type144-LQFP (2020)	Category	Integrated Circuits (ICs)	
SeriesMPC57xxCore Processore200z4Core Size32-Bit Dual-CoreSpeed200MHzConnectivityCANbus, Ethernet, FlexRay, LINbus, SPI, UART/USARTPeripheralsDMA, LVD, POR, WDTNumber of I/O-Program Memory Size1.5MB (1.5M x 8)Program Memory TypeFLASHEEPROM Size-RAM Size192K x 8Voltage - Supply (Vcc/Vdd)3.15 V ~ 5.5 VData ConvertersAD 64x12bOperating Temperature-Qouring Type-Prokage / Case144-LQFP (20x20)		Embedded - Microcontrollers	
Core Processore200z4Core Size32-Bit Dual-CoreSpeed200MHzConnectivityCANbus, Ethernet, FlexRay, LINbus, SPI, UART/USARTPoripheralsDMA, LVD, POR, WDTNumber of J/O-Program Memory Size1.5MB (1.5M x 8)Program Memory TypeFLASHEEPROM Size-Ndtage - Supply (Vcc/Vdd)3.15 V ~ 5.5 VData ConvertersA/D 64x12bOperating Temperature-40°C ~ 125°C (TA)Mounting Type144-LQFP (20x20)	Package	144-LQFP	
Core Size32-Bit Dual-CoreSpeed200MHzConnectivityCANbus, Ethernet, FlexRay, LINbus, SPI, UART/USARTPeripheralsDMA, LVD, POR, WDTNumber of I/O-Program Memory Size1.5MB (1.5M x 8)Program Memory TypeFLASHEEPROM Size-RAM Size192K x 8Voltage - Supply (Vcc/Vdd)3.15 V ~ 5.5 VData ConvertersA/D 64x12bOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case144-LQFP (20x20)	Series	MPC57xx	
Speed200MHzConnectivityCANbus, Ethernet, FlexRay, LINbus, SPI, UART/USARTPeripheralsDMA, LVD, POR, WDTNumber of I/O-Program Memory Size1.5MB (1.5M x 8)Program Memory TypeFLASHEEPROM Size-RAM Size192K x 8Voltage - Supply (Vcc/Vdd)3.15 V ~ 5.5 VData ConvertersA/D 64x12bOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case144-LQFP (20x20)	Core Processor	e200z4	
ConnectivityCANbus, Ethernet, FlexRay, LINbus, SPI, UART/USARTPeripheralsDMA, LVD, POR, WDTNumber of I/O-Program Memory Size1.5MB (1.5M x 8)Program Memory TypeFLASHEEPROM Size-RAM Size192K x 8Voltage - Supply (Vcc/Vdd)3.15 V ~ 5.5 VData ConvertersA/D 64x12bOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case144-LQFP (20x20)	Core Size	32-Bit Dual-Core	
PeripheralsDMA, LVD, POR, WDTNumber of I/O-Program Memory Size1.5MB (1.5M x 8)Program Memory TypeFLASHEEPROM Size-RAM Size192K x 8Voltage - Supply (Vcc/Vdd)3.15 V ~ 5.5 VData ConvertersA/D 64x12bOscillator TypeInternalOperating Temperature-Adv C ~ 125°C (TA)Mounting Type-Package / Case144-LQFP (20x20)	Speed	200MHz	
Number of I/O-Program Memory Size1.5MB (1.5M x 8)Program Memory TypeFLASHEEPROM Size-RAM Size192K x 8Voltage - Supply (Vcc/Vdd)3.15 V ~ 5.5 VData ConvertersA/D 64x12bOscillator Type-Operating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case144-LQFP (20x20)	Connectivity	CANbus, Ethernet, FlexRay, LINbus, SPI, UART/USART	
Program Memory Size1.5MB (1.5M x 8)Program Memory TypeFLASHEEPROM Size-RAM Size192K x 8Voltage - Supply (Vcc/Vdd)3.15 V ~ 5.5 VData ConvertersA/D 64x12bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case144-LQFPSupplier Device Package144-LQFP (20x20)	Peripherals	DMA, LVD, POR, WDT	
Program Memory TypeFLASHEEPROM Size-RAM Size192K x 8Voltage - Supply (Vcc/Vd)3.15 V ~ 5.5 VData ConvertersA/D 64x12bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case144-LQFPSupplier Device Package144-LQFP (20x20)	Number of I/O	-	
EEPROM Size-RAM Size192K x 8Voltage - Supply (Vcc/Vdd)3.15 V ~ 5.5 VData ConvertersA/D 64x12bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case144-LQFPSupplier Device Package144-LQFP (20x20)	Program Memory Size	1.5MB (1.5M x 8)	
RAM Size192K x 8Voltage - Supply (Vcc/Vdd)3.15 V ~ 5.5 VData ConvertersA/D 64x12bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case144-LQFPSupplier Device Package144-LQFP (20x20)	Program Memory Type	FLASH	
Voltage - Supply (Vcc/Vdd)3.15 V ~ 5.5 VData ConvertersA/D 64x12bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case144-LQFPSupplier Device Package144-LQFP (20x20)	EEPROM Size	-	
Data ConvertersA/D 64x12bOscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case144-LQFPSupplier Device Package144-LQFP (20x20)	RAM Size	192K x 8	
Oscillator TypeInternalOperating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case144-LQFPSupplier Device Package144-LQFP (20x20)	Voltage - Supply (Vcc/Vdd)	3.15 V ~ 5.5 V	
Operating Temperature-40°C ~ 125°C (TA)Mounting Type-Package / Case144-LQFPSupplier Device Package144-LQFP (20x20)	Data Converters	A/D 64x12b	
Mounting Type-Package / Case144-LQFPSupplier Device Package144-LQFP (20x20)	Oscillator Type	Internal	
Package / Case144-LQFPSupplier Device Package144-LQFP (20x20)	Operating Temperature	-40°C ~ 125°C (TA)	
Supplier Device Package144-LQFP (20x20)	Mounting Type	-	
	Package / Case	144-LQFP	
Report errors	Supplier Device Package	144-LQFP (20x20)	
			Report errors

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