

# P1014NSE5HHB

#### **P1014NSE5HHB Information**

Voter science is conversion on	Part Number Manufacturer Category Description Package	P1014NSE5HHB NXP Integrated Circuits (ICs) Embedded - Microprocessors IC MPU Q OR IQ 800MHZ 425TEBGA 425-FBGA For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	

## **Certified Quality**

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# **P1014NSE5HHB Specifications**

ManufacturerNXPManufacturerIntegrated Circuits (ICs)Embedded - MicroprocessorsEmbedded - MicroprocessorsPackage425-FBGASeriesGorlQ P1Core ProcessorPowerPC e500v2Number of Cores/Bus Width1 Core, 32-BitSpeed800MHzCo-Processors/DSPSecurity; SEC 4.4RAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/1000 Mbps (2)SATASATA 3Gbps (2)USBUSB 2.0 + PHY (1)Voltage - I/O-Operating TemperatureGorl Core(TA)Security, FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case425-FBGA				
Integrated Circuits (ICs)   Embedded - Microprocessors   Package 425-FBGA   Series QorlQ P1   Core Processor PowerPC e500v2   Number of Cores/Bus Width 1 Core, 32-Bit   Speed 800MHz   Core Processors/DSP Security; SEC 4.4   RAM Controllers DDR3, DDR3L   Graphics Acceleration No   Display & Interface Controllers -   Ethernet 10/100/1000 Mbps (2)   SATA SATA 3Gbps (2)   USB USB 2.0 + PHY (1)   Voltage - I/O -   Operating Temperature 0°C ~ 105°C (TA)   Security, Features Boot Security, Cryptography, Random Number Generator, Secure Fusebox   Package / Case 425-FBGA [19x19)	Manufacturer Part Number	P1014NSE5HHB		
Embedded - MicroprocessorsPackage425-FBGASeriesQorIQ P1Core ProcessorPowerPC e500v2Number of Cores/Bus Width1 Core, 32-BitSpeed800MHzCo-Processors/DSPSecurity; SEC 4.4RAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/1000 Mbps (2)SATASATA 3Gbps (2)USBUSB 2.0 + PHY (1)Voltage - I/O-Operating Temperature0°C ~ 105°C (TA)Security FeaturesBot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case425-FEBGA 1 (19x19)	Manufacturer	NXP		
Package425-FBGASeriesQorlQ P1Core ProcessorPowerPC e500v2Number of Cores/Bus Width1 Core, 32-BitSpeed800MHzCo-Processors/DSPSecurity; SEC 4.4RAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/1000 Mbps (2)SATASATA 3Gbps (2)USBUSB 2.0 + PHY (1)Voltage - I/O-Operating Temperature0°C ~ 105°C (TA)Security FeaturesBot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case425-FBGA 1 (19x19)	Category	Integrated Circuits (ICs)		
SeriesQorlQ P1Core ProcessorPowerPC e500v2Number of Cores/Bus Width1 Core, 32-BitSpeed800MHzCo-Processors/DSPSecurity; SEC 4.4RAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/1000 Mbps (2)SATASATA 3Gbps (2)USBUSB 2.0 + PHY (1)Voltage - I/O-Operating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case425-TEPBGA I (19x19)		Embedded - Microprocessors		
Core ProcessorPowerPC e500v2Number of Cores/Bus Width1 Core, 32-BitSpeed800MHzCo-Processors/DSPSecurity; SEC 4.4RAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/1000 Mbps (2)SATASATA 3Gbps (2)USBUSB 2.0 + PHY (1)Voltage - I/O-Operating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case425-FBGA 1 (19x19)	Package	425-FBGA		
Number of Cores/Bus Width1 Core, 32-BitSpeed800MHzCo-Processors/DSPSecurity; SEC 4.4RAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/1000 Mbps (2)SATASATA 3Gbps (2)USBUSB 2.0 + PHY (1)Voltage - I/O-Operating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case425-FBGA I (19x19)	Series	QorIQ P1		
Speed800MHzCo-Processors/DSPSecurity; SEC 4.4RAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/ Mbps (2)SATASATA 3Gbps (2)USBUSB 2.0 + PHY (1)Voltage - I/O-Operating Temperature0°C ~ 105°C (TA)Security FeaturesBoto Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case425-FBGA I (19x19)	Core Processor	PowerPC e500v2		
Co-Processors/DSPSecurity; SEC 4.4RAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/1000 Mbps (2)SATASATA 3Gbps (2)USBUSB 2.0 + PHY (1)Voltage - I/O-Operating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case425-FBGA 1 (19x19)	Number of Cores/Bus Width	1 Core, 32-Bit		
RAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/1000 Mbps (2)SATASATA 3Gbps (2)USBUSB 2.0 + PHY (1)Voltage - I/O-Operating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case425-TEPBGA I (19x19)	Speed	800MHz		
Graphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/ Mbps (2)SATASATA 3Gbps (2)USBUSB 2.0 + PHY (1)Voltage - I/O-Operating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case425-FBGA I (19x19)	Co-Processors/DSP	Security; SEC 4.4		
Display & Interface Controllers-Ethernet10/100/1000 Mbps (2)SATASATA 3Gbps (2)USBUSB 2.0 + PHY (1)Voltage - I/O-Operating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case425-FBGASupplier Device Package425-TEPBGA I (19x19)	RAM Controllers	DDR3, DDR3L		
Ethernet10/100/1000 Mbps (2)SATASATA 3Gbps (2)USBUSB 2.0 + PHY (1)Voltage - I/O-Operating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case425-FBGASupplier Device Package425-TEPBGA I (19x19)	Graphics Acceleration	No		
SATASATA 3Gbps (2)USBUSB 2.0 + PHY (1)Voltage - I/O-Operating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case425-FBGASupplier Device Package425-TEPBGA I (19x19)	Display & Interface Controllers	-		
USBUSB 2.0 + PHY (1)Voltage - I/O-Operating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case425-FBGASupplier Device Package425-TEPBGA I (19x19)	Ethernet	10/100/1000 Mbps (2)		
Voltage - I/O-Operating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case425-FBGASupplier Device Package425-TEPBGA I (19x19)	SATA	SATA 3Gbps (2)		
Operating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case425-FBGASupplier Device Package425-TEPBGA I (19x19)	USB	USB 2.0 + PHY (1)		
Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case425-FBGASupplier Device Package425-TEPBGA I (19x19)	Voltage - I/O	-		
Package / Case425-FBGASupplier Device Package425-TEPBGA I (19x19)	Operating Temperature	0°C ~ 105°C (TA)		
Supplier Device Package425-TEPBGA I (19x19)	Security Features	Boot Security, Cryptography, Random Number Generator, Secure Fusebox		
	Package / Case	425-FBGA		
Report errors?	Supplier Device Package	425-TEPBGA I (19x19)		
			Report errors?	

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#### **P1014NSE5HHB** 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 BUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### P1014NSE5HHB Payment Methods



### **P1014NSE5HHB Shipping Methods**



If you have any question about P1014NSE5HHB, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com