

# P1014NSE5FFA

### **P1014NSE5FFA Information**

	Part Number Manufacturer Category Description Package	Integrated Circuits (ICs) Embedded - Microprocessors IC MPU Q OR IQ 800MHZ 425TEBGA1 425-FBGA For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

# **Certified Quality**

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# **P1014NSE5FFA Specifications**

Manufacturer NXP   Category Integrated Circuits (ICs)   Embedded - Microprocessors Embedded - Microprocessors   Package 425-FBGA   Series QorlQ P1   Core Processor PowerPC e500v2   Number of Cores/Bus Width 1 Core, 32-Bit   Speed 800MHz   Co-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			
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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-FEBGA1	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 TemperatureGord Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case425-FBGASupplier Device Package425-TEPBGA1	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-TEPBGA1		Embedded - Microprocessors	
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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	Series	QorIQ P1	
Speed800MHzCo-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-FBGASupplier Device Package425-TEPBGA1	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-FBGASupplier Device Package425-TEPBGA1	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-TEPBGA1	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	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-TEPBGA1	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-TEPBGA1	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-TEPBGA1	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-TEPBGA1	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-TEPBGA1	SATA	SATA 3Gbps (2)	
Operating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case425-FBGASupplier Device Package425-TEPBGA1	USB	USB 2.0 + PHY (1)	
Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case425-FBGASupplier Device Package425-TEPBGA1	Voltage - I/O	-	
Package / Case425-FBGASupplier Device Package425-TEPBGA1	Operating Temperature	0°C ~ 105°C (TA)	
Supplier Device Package 425-TEPBGA1	Security Features	Boot Security, Cryptography, Random Number Generator, Secure Fusebox	<u> </u>
	Package / Case	425-FBGA	
Report errors?	Supplier Device Package	425-TEPBGA1	
			Report errors?

#### **P1014NSE5FFA 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.

#### P1014NSE5FFA Payment Methods



## P1014NSE5FFA Shipping Methods



If you have any question about P1014NSE5FFA, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com