

# P1010PSE5HFA

#### **P1010PSE5HFA Information**

Manager Brene D	Part Number Manufacturer Category	P1010PSE5HFA NXP Integrated Circuits (ICs)	
	Description	Embedded - Microprocessors IC MPU Q OR IQ 1.0GHZ 425TEBGA1	
	Package	425-FBGA 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

# **Certified Quality**

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.



## **P1010PSE5HFA Specifications**

Manufacturer Part NumberP1010PSE5HFAManufacturerNXPCategoryIntegrated Circuits (ICs)Embedded - MicroprocessorsPackage425-FBGASeriesQorlQ P1Core ProcessorPowerPC e500v2Number of Cores/Bus Width1 Core, 32-BitSpeed1.0GHzCo-Processor/DSPSecurity; SEC 4.4Cordprocessor/DSPDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-SATASATA 3Gbps (2)Voltage - I/O-Operating Temperature0% C ~ 105°C (TA)Security FeaturesBot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case425-TEPBGA1			
CategoryIntegrated Circuits (ICs)Embedded - MicroprocessorsPackage425-FBGASeriesQorlQ P1Core ProcessorPowerPC e500v2Number of Cores/Bus Width1 Core, 32-BitSpeed1.0GHzCo-Processor/DSPSecurity; SEC 4.4RAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-SATASATA 3Gbps (2)USBUSB 2.0 + PHY (1)Voltage - I/O-Operating TemperatureBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case425-FBGA	Manufacturer Part Number	P1010PSE5HFA	
Embedded - MicroprocessorsPackage425-FBGASeriesQorlQ P1Core ProcessorPowerPC e500v2Number of Cores/Bus Width1 Core, 32-BitSpeed1.0GHzCo-Processors/DSPSecurity, SEC 4.4RAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-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	Manufacturer	NXP	
Package425-FBGASeriesQorlQ P1Core ProcessorPowerPC e500v2Number of Cores/Bus Width1 Core, 32-BitSpeed1.0GHzCo-Processors/DSPSecurity; SEC 4.4Co-Processors/DSPDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-SATAOMID/000 Mbps (3)SATASATA 3Gbps (2)Voltage - I/O-Operating Temperature0°C ~ 105°C (TA)Security FeaturesBoto Security, Craptage Angel, Sandom Number Generator, Secure FuseboxPackage / Case425-FBGA	Category	Integrated Circuits (ICs)	
SeriesQorIQ P1Core ProcessorPowerPC e500v2Number of Cores/Bus Width1 Core, 32-BitSpeed1.0GHzCo-Processors/DSPSecurity; SEC 4.4RAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-Ethernet1/00/1000 Mbps (3)SATASATA 3Gbps (2)Voltage - I/O-Operating Temperature0°C ~ 105°C (TA)Security, FeaturesBot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case425-FBGA		Embedded - Microprocessors	
Core ProcessorPowerPC e500v2Number of Cores/Bus Width1 Core, 32-BitSpeed1.0GHzCo-Processors/DSPSecurity; SEC 4.4RAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/1000 Mbps (3)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	Package	425-FBGA	
Number of Cores/Bus Width1 Core, 32-BitSpeed1.0GHzCo-Processors/DSPSecurity, SEC 4.4RAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-Bthernet10/100/1000 Mbps (3)SATASATA 3Gbps (2)VDBUBB 2.0 + PHY (1)Voltage - I/O-Operating Temperature0°C ~ 105°C (TA)Security FeaturesBot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case425-FBGA	Series	QorIQ P1	
Speed1.0GHzCo-Processors/DSPSecurity; SEC 4.4RAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/1000 Mbps (3)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	Core Processor	PowerPC e500v2	
Co-Processors/DSPSecurity; SEC 4.4RAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-Bthernet10/100/1000 Mbps (3)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	Number of Cores/Bus Width	1 Core, 32-Bit	
RAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/1000 Mbps (3)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	Speed	1.0GHz	
Graphics AccelerationNoDisplay & Interface Controllers-Ethernet10/1000 Mbps (3)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/ Mbps (3)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	RAM Controllers	DDR3, DDR3L	
Ethernet10/100/1000 Mbps (3)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	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-FBGA	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-FBGA	Ethernet	10/100/1000 Mbps (3)	
Voltage - I/O-Operating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case425-FBGA	SATA	SATA 3Gbps (2)	
Operating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case425-FBGA	USB	USB 2.0 + PHY (1)	
Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case425-FBGA	Voltage - I/O	-	
Package / Case 425-FBGA	Operating Temperature	0°C ~ 105°C (TA)	
	Security Features	Boot Security, Cryptography, Random Number Generator, Secure Fusebox	
Supplier Device Package 425-TEPBGA1	Package / Case	425-FBGA	
	Supplier Device Package	425-TEPBGA1	
Report errors			Report errors?

#### **P1010PSE5HFA 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 UARANTEE

#### **Service Guarantees**

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

# P1010PSE5HFA Payment Methods



### **P1010PSE5HFA Shipping Methods**



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