

P2041NSE7MMC

st a Quote

P2041NSE7MMC Information

	Part Number	P2041NSE7MMC	
	Manufacturer	NXP	
() Heisener.com	Category	Integrated Circuits (ICs) Embedded - Microprocessors	្រុះស្រុ
GERTRACE DESITION	Description	IC MPU Q OR IQ 1.2GHZ 780FCBGA	122
	Package	780-BBGA, FCBGA	111 C.
		For the pricing/inventory/lead time, please contact us	
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request

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.



P2041NSE7MMC Specifications

Manufacturer NXP Category Integrated Circuits (ICs) Embedded - Microprocessors Embedded - Microprocessors Package 780-BBGA, FCBGA Series QorlQ P2 Core Processor PowerPC e500mc Number of Cores/Bus Width 4 Core, 32-Bit Speed 1.2GHz Co-Processors/DSP Security; SEC 4.2 RAM Controllers DDR3, DDR3L Graphics Acceleration No Display & Interface Controllers - Ethernet 10/100/1000 Mbps (5), 10 Gbps (1) SATA SATA 3Gbps (2) USB USB 2.0 + PHY (2) Voltage - I/O I.0V; 1.35V; 1.5V; 1.8V; 2.5V; 3.3V Operating Temperature Gord Security, Cryptography, Random Number Generator, Secure Fusebox Package / Case 780-BBGA, FCBGA			
CategoryIntegrated Circuits (ICs)Embedded - MicroprocessorsPackage780-BBGA, FCBGASeriesQorlQ P2Core ProcessorPowerPC e500mcNumber of Cores/Bus Width4 Core, 32-BitSpeed1.2GHzCo-Processors/DSPSecurity; SEC 4.2RAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/1000 Mbps (5), 10 Gbps (1)SATASATA 3Gbps (2)USBUSB 2.0 + PHY (2)Voltage - I/O.0°C ~ 105°C (TA)Security, FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case780-BBGA, FCBGASupplier Device Package780-FCPBGA (23x23)	Manufacturer Part Number	P2041NSE7MMC	
Embedded - MicroprocessorsPackage780-BBGA, FCBGASeriesQorIQ P2Core ProcessorPowerPC e500mcNumber of Cores/Bus Width4 Core, 32-BitSpeed1.2GHzCo-Processors/DSPSecurity; SEC 4.2RAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/1000 Mbps (5), 10 Gbps (1)SATASATA 3Gbps (2)USBUSB 2.0 + PHY (2)Voltage - I/O1.0V, 1.35V, 1.5V, 1.8V, 2.5V, 3.3VOperating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case780-FCPBGA (23x23)	Manufacturer	NXP	
Package 780-BBGA, FCBGA Series QorlQ P2 Core Processor PowerPC e500mc Number of Cores/Bus Width 4 Core, 32-Bit Speed 1.2GHz Co-Processors/DSP Security; SEC 4.2 RAM Controllers DDR3, DDR3L Graphics Acceleration No Display & Interface Controllers - Ethernet 10/100/1000 Mbps (5), 10 Gbps (1) SATA SATA 3Gbps (2) USB USB 2.0 + PHY (2) Voltage - I/O 1.0V, 1.35V, 1.5V, 1.8V, 2.5V, 3.3V Operating Temperature Boot Security, Cryptography, Random Number Generator, Secure Fusebox Package / Case 780-BBGA, FCBGA Supplier Device Package 780-FCPBGA (23x23)	Category	Integrated Circuits (ICs)	
Series QorIQ P2 Core Processor PowerPC e500mc Number of Cores/Bus Width 4 Core, 32-Bit Speed 1.2GHz Co-Processors/DSP Security; SEC 4.2 RAM Controllers DDR3, DDR3L Graphics Acceleration No Display & Interface Controllers - Ethernet 10/100/1000 Mbps (5), 10 Gbps (1) SATA SATA 3Gbps (2) USB USB 2.0 + PHY (2) Voltage - I/O 1.0V, 1.35V, 1.5V, 1.8V, 2.5V, 3.3V Operating Temperature 0°C ~ 105°C (TA) Security Features Boot Security, Cryptography, Random Number Generator, Secure Fusebox Package / Case 780-EBGA (23x23)		Embedded - Microprocessors	
Core ProcessorPowerPC e500mcNumber of Cores/Bus Width4 Core, 32-BitSpeed1.2GHzCo-Processors/DSPSecurity; SEC 4.2RAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/1000 Mbps (5), 10 Gbps (1)SATASATA 3Gbps (2)USBUSB 2.0 + PHY (2)Voltage - I/O1.0V, 1.35V, 1.5V, 1.8V, 2.5V, 3.3VOperating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case780-BBGA, FCBGASupplier Device Package780-FCPBGA (23x23)	Package	780-BBGA, FCBGA	
Number of Cores/Bus Width4 Core, 32-BitSpeed1.2GHzCo-Processors/DSPSecurity; SEC 4.2RAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/1000 Mbps (5), 10 Gbps (1)SATASATA 3Gbps (2)USBUSB 2.0 + PHY (2)Voltage - I/O.0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case780-EDEGA (23x23)	Series	QorIQ P2	
Speed1.2GHzCo-Processors/DSPSecurity; SEC 4.2RAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/ Mbps (5), 10 Gbps (1)SATASATA 3Gbps (2)USBUSB 2.0 + PHY (2)Voltage - I/O1.0V, 1.35V, 1.5V, 1.8V, 2.5V, 3.3VOperating TemperatureBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case780-BBGA, FCBGASupplier Device Package780-FCPBGA (23x23)	Core Processor	PowerPC e500mc	
Co-Processors/DSPSecurity; SEC 4.2RAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/1000 Mbps (5), 10 Gbps (1)SATASATA 3Gbps (2)USBUSB 2.0 + PHY (2)Voltage - I/O1.0V, 1.35V, 1.5V, 1.8V, 2.5V, 3.3VOperating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case780-BBGA, FCBGASupplier Device Package780-FCPBGA (23x23)	Number of Cores/Bus Width	4 Core, 32-Bit	
RAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/1000 Mbps (5), 10 Gbps (1)SATASATA 3Gbps (2)USBUSB 2.0 + PHY (2)Voltage - I/O1.0V, 1.35V, 1.5V, 1.8V, 2.5V, 3.3VOperating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case780-FCPBGA (23x23)	Speed	1.2GHz	
Graphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/ Mbps (5), 10 Gbps (1)SATASATA 3Gbps (2)USBUSB 2.0 + PHY (2)Voltage - I/O1.0V, 1.35V, 1.5V, 1.8V, 2.5V, 3.3VOperating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case780-BBGA, FCBGASupplier Device Package780-FCPBGA (23x23)	Co-Processors/DSP	Security; SEC 4.2	
Display & Interface Controllers-Ethernet10/100/1000 Mbps (5), 10 Gbps (1)SATASATA 3Gbps (2)USBUSB 2.0 + PHY (2)Voltage - I/O1.0V, 1.35V, 1.5V, 1.8V, 2.5V, 3.3VOperating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case780-BBGA, FCBGASupplier Device Package780-FCPBGA (23x23)	RAM Controllers	DDR3, DDR3L	
Ethernet10/100/1000 Mbps (5), 10 Gbps (1)SATASATA 3Gbps (2)USBUSB 2.0 + PHY (2)Voltage - I/O1.0V, 1.35V, 1.5V, 1.8V, 2.5V, 3.3VOperating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case780-BBGA, FCBGASupplier Device Package780-FCPBGA (23x23)	Graphics Acceleration	No	
SATASATA 3Gbps (2)USBUSB 2.0 + PHY (2)Voltage - I/O1.0V, 1.35V, 1.5V, 1.8V, 2.5V, 3.3VOperating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case780-BBGA, FCBGASupplier Device Package780-FCPBGA (23x23)	Display & Interface Controllers	-	
USBUSB 2.0 + PHY (2)Voltage - I/O1.0V, 1.35V, 1.5V, 1.8V, 2.5V, 3.3VOperating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case780-BBGA, FCBGASupplier Device Package780-FCPBGA (23x23)	Ethernet	10/100/1000 Mbps (5), 10 Gbps (1)	
Voltage - I/O1.0V, 1.35V, 1.5V, 1.8V, 2.5V, 3.3VOperating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case780-BBGA, FCBGASupplier Device Package780-FCPBGA (23x23)	SATA	SATA 3Gbps (2)	
Operating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case780-BBGA, FCBGASupplier Device Package780-FCPBGA (23x23)	USB	USB 2.0 + PHY (2)	
Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case780-BBGA, FCBGASupplier Device Package780-FCPBGA (23x23)	Voltage - I/O	1.0V, 1.35V, 1.5V, 1.8V, 2.5V, 3.3V	
Package / Case780-BBGA, FCBGASupplier Device Package780-FCPBGA (23x23)	Operating Temperature	0°C ~ 105°C (TA)	
Supplier Device Package780-FCPBGA (23x23)	Security Features	Boot Security, Cryptography, Random Number Generator, Secure Fusebox	
	Package / Case	780-BBGA, FCBGA	
Report errors?	Supplier Device Package	780-FCPBGA (23x23)	
			Report errors?

P2041NSE7MMC 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.

P2041NSE7MMC Payment Methods



P2041NSE7MMC Shipping Methods



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