

# 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



If you have any question about P2041NSE7MMC, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com