

C293NSE7MMA

a Quote

C293NSE7MMA Information

	Part Number	C293NSE7MMA	
Heisener.com	Manufacturer		11195
	Category	Integrated Circuits (ICs) Embedded - Microprocessors	
	Description	IC SOC CRYPTO 1200MHZ 780FCBGA	- 7857
	Package	780-BBGA, FCBGA	
		For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a

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.



C293NSE7MMA Specifications

Manufacturer NXP Category Integrated Circuits (ICs) Embedded - Microprocessors Embedded - Microprocessors Package 780-BBGA, FCBGA Series C29x Crypto Core Processor PowerPC e500v2 Number of Cores/Bus Width 1 Core, 32-Bit Speed 1.2GHz Co-Processors/DSP Security; SEC RAM Controllers DDR3, DDR3L Graphics Acceleration No Display & Interface Controllers - Ethernet 10/100/1000 Mbps (2) SATA - Voltage - I/O - Operating Temperature 0°C ~ 105°C (TA) Security, Features Foot Security, Cryptography, Random Number Generator, Secure Fusebox Package / Case 780-BBGA, FCBGA			
CategoryIntegrated Circuits (ICs)Embedded - MicroprocessorsPackage780-BBGA, FCBGASeriesC29x CryptoCore ProcessorPowerPC e500v2Number of Cores/Bus Width1 Core, 32-BitSpeed1.2GHzCo-Processors/DSPSecurity; SECRAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-Ethernet1/0/0/1000 Mbps (2)SATA-Voltage - I/O-Operating Temperature0°C ~ 105°C (TA)Security, FeaturesBot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case780-BBGA, FCBGASupplier Device Package780-FCPBGA (23x23)	Manufacturer Part Number	C293NSE7MMA	
Embedded - MicroprocessorsPackage780-BBGA, FCBGASeriesC29x CryptoCore ProcessorPowerPC e500v2Number of Cores/Bus Width1 Core, 32-BitSpeed1.2GHzCo-Processors/DSPSecurity; SECRAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/1000 Mbps (2)SATA-Voltage - I/O-Operating Temperature0°C ~ 105°C (TA)Security, FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case780-FCPBGA (23x23)	Manufacturer	NXP	
Package780-BBGA, FCBGASeriesC29x CryptoCore ProcessorPowerPC e500v2Number of Cores/Bus Width1 Core, 32-BitSpeed1.2GHzCo-Processors/DSPSecurity; SECRAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/1000 Mbps (2)SATA-Voltage - I/O-Operating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case780-BBGA, FCBGASupplier Device Package780-FCPBGA (23x23)	Category	Integrated Circuits (ICs)	
SeriesC29x CryptoCore ProcessorPowerPC e500v2Number of Cores/Bus Width1 Core, 32-BitSpeed1.2GHzCo-Processors/DSPSecurity; SECRAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/1000 Mbps (2)SATA-USB-Voltage - I/O-Operating Temperature0°C ~ 105°C (TA)Security FeaturesBot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case780-EPBGA (23x23)		Embedded - Microprocessors	
Core ProcessorPowerPC e500v2Number of Cores/Bus Width1 Core, 32-BitSpeed1.2GHzCo-Processors/DSPSecurity; SECRAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-10/100/1000 Mbps (2)10/100/1000 Mbps (2)SATA-USB-Voltage - I/O-Operating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case780-BBGA, FCBGA	Package	780-BBGA, FCBGA	
Number of Cores/Bus Width1 Core, 32-BitSpeed1.2GHzCo-Processors/DSPSecurity; SECRAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/1000 Mbps (2)SATA-Voltage - I/O-Operating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case780-BBGA, FCBGA	Series	C29x Crypto	
Speed1.2GHzCo-Processors/DSPSecurity; SECRAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/1000 Mbps (2)SATA-USB-Voltage - I/O-Operating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case780-BBGA, FCBGASupplier Device Package780-FCPBGA (23x23)	Core Processor	PowerPC e500v2	
Co-Processors/DSPSecurity; SECRAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/1000 Mbps (2)SATA-USB-Voltage - I/O-Operating 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	1 Core, 32-Bit	
RAM ControllersDDR3, DDR3LGraphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/1000 Mbps (2)SATA-USB-Voltage - I/O-Operating 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 (2)SATA-USB-Voltage - I/O-Operating 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	
Display & Interface Controllers-Ethernet10/100/ Mbps (2)SATA-USB-Voltage - I/O-Operating 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 (2)SATA-USB-Voltage - I/O-Operating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case780-BBGA, FCBGASupplier Device Package780-FCPBGA (23x23)	Graphics Acceleration	No	
SATA-USB-Voltage - I/O-Operating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case780-BBGA, FCBGASupplier Device Package780-FCPBGA (23x23)	Display & Interface Controllers	-	
USB-Voltage - I/O-Operating 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 (2)	
Voltage - I/O-Operating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case780-BBGA, FCBGASupplier Device Package780-FCPBGA (23x23)	SATA	-	
Operating Temperature0°C ~ 105°C (TA)Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case780-BBGA, FCBGASupplier Device Package780-FCPBGA (23x23)	USB	-	
Security FeaturesBoot Security, Cryptography, Random Number Generator, Secure FuseboxPackage / Case780-BBGA, FCBGASupplier Device Package780-FCPBGA (23x23)	Voltage - I/O	-	
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)	
		R	eport errors?

C293NSE7MMA 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.

C293NSE7MMA Payment Methods





If you have any question about C293NSE7MMA, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com