

MCIMX515DJM8CR2

MCIMX515DJM8CR2 Information

	Part Number Manufacturer Category Description Package	Integrated Circuits (ICs) Embedded - Microprocessors IC MPU I.MX51 800MHZ 529BGA 529-LFBGA 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

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MCIMX515DJM8CR2 Specifications

Manufacturer Part NumberMCIMX515DJM8CR2ManufacturerNXPCategoryIntegrated Circuits (ICs)Embedded - MicroprocessorsPackage599-LFBGAStriesi.MX51Core ProcessorARM? Cortex?-A8Number of Cores/Busi.Core, 32-BitSpeed000HzCor-Processor/DSPMultiedia; NEON? SIMDCorProcessorVIII (Striggger Cores)Spead19DR, DDR2CorphosesorSysad, CDDCorphosesorSysad, CDDSpead1000 Mbps (1)Corphosesor1000 Mbps (2)String1000 Mbps (2				
CategoryIntegrated Circuits (ICs)Embedded - MicroprocessorsPackage529-LFBGASeriesi.MX51Core ProcessorARM? Cortex?-A8Number of Cores/Bus Widthi Core, 32-BitSpeed800MHzCo-Processors/DSPMultimedia; NEON? SIMDRAM ControllersLPDDR, DDR2Graphics AccelerationYesStorterinformation (Corter)Bigla & Interface Controllersinformation (Corter)Bis (Di OMbps (1)SATAValues - LOUSB 2.0 (3), USB 2.0 + PHY (1)Values - LO-20°C ~ 85°C (TC)Security Featuresinformation, Corter)Package / Case529-LFBGASupplier Device Package529-BGA Case 2017 (19x19)	Manufacturer Part Number	MCIMX515DJM8CR2		
Herbedded - MicroprocessorsPackage529-LFBGASeriesi.MX51Core ProcessorARM? Cortex?-A8Number of Cores/Bus Width1 Core, 32-BitSpeed800MHzCo-Processor/DSPMultimedia; NEON? SIMDRAM ControllersLPDDR, DDR2Graphics AccelerationYesDisplay & Interface ControllersKeypad, LCDEthernet10/100 Mbps (1)SATA-USBUSB 2.0 (3), USB 2.0 + PHY (1)Voltage - I/O1.2V, 1.875V, 2.775V, 3.0VOperating Temperature-20°C ~ 85°C (TC)Security FeaturesS29-LFBGASupplier Device Package529-BGA Case 2017 (19x19)	Manufacturer	NXP		
Package529-LFBGASeriesi.MX51Core ProcessorARM? Cortex?-A8Number of Cores/Bus Widthl. Core, 32-BitSpeed800MHzCo-Processor/DSPMultimedia; NEON? SIMDRAM ControllersLPDDR, DDR2Graphics AccelerationYesSpied10/100 Mbps (1)Ethernet10/100 Mbps (1)SATA-Voltage - I/O1.2V, 1.875V, 2.775V, 3.0VOperating Temperature2.0°C ~ 85°C (TC)Package / Case529-LFBGASupplier Device Package529-BGA Case 2017 (19x19)	Category	Integrated Circuits (ICs)		
Seriesi.MX51Core ProcessorARM? Cortex?-A8Number of Cores/Busi. Core, 32-BitSpeed800MHzCo-Processors/DSPMultiendia; NEON? SIMDRAM ControllersLPDDR, DDR2Graphics AccelerationYesDiglay & Interface ControllersKeypad, LCDBitternet10/100 Mbps (1)SATA-USBUSB 2.0 (3), USB 2.0 + PHY (1)Voltage - I/O.20° C ~ 85° C (TC)Security FeaturesS20-FEGAPackage / Case52-JEFGASupplier Device Package52-BGA Case 2017 (19X19)		Embedded - Microprocessors		
Core ProcessorARM? Corex?-A8Number of Cores/Bus1 Core, 32-BitSpeed800MHzCo-Processors/DSPMultimedia; NEON? SIMDRAM ControllersIPDDR, DDR2Graphics AccelerationYesDigbay & Interface ControllersKeypad, LCDBitternet10/100 Mbps (1)SATA-USBUSB 2.0.3, USB 2.0.4 PHY (1)Voltage I-I/O-20°C ~ 85°C (TC)Security FeaturesScure RTCPackage / Case59-BGA Case 2017 (19x19)	Package	529-LFBGA		
Number of Cores/Bus WidthI core, 32-BitSpeed800MHzCo-Processor/DSPMultimedia; NEON? SIMDRAM ControllersLPDDR, DDR2Graphics AccelerationYesDisplay & Interface ControllersReypad, LCDEthernet10/100 Mbps (1)SATA-USBUSB 2.0 (3), USB 2.0 + PHY (1)Voltage - I/O.20°C ~ 85°C (TC)Operating TemperatureS0-NTZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure RTCPackage / Case529-LFBGASupplier Device Package529-BGA Case 2017 (19x19)	Series	i.MX51		
WidthI Core, 32-BitSpeed800MHzCo-Processors/DSPMultimedia; NEON? SIMDRAM ControllersLPDDR, DDR2Graphics AccelerationYesDisplay & Interface ControllersKeypad, LCDEthernet10/100 Mbps (1)SATA-USBUSB 2.0 (3), USB 2.0 + PHY (1)Voltage - I/O1.2V, 1.875V, 2.775V, 3.0VOperating Temperature-20°C ~ 85°C (TC)Security FeaturesSARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure ArtSupplier Device Package529-BGA Case 2017 (19x19)	Core Processor	ARM? Cortex?-A8		
IICo-Processors/DSPMultimedia; NEON? SIMDRAM ControllersLPDDR, DDR2Graphics AccelerationYesDisplay & Interface ControllersReypad, LCDEthernet10/100 Mbps (1)SATA-USBUSB 2.0 (3), USB 2.0 + PHY (1)Voltage - I/O1.2V, 1.875V, 2.775V, 3.0VOperating Temperature-0°C ~ 85°C (TC)Security FeaturesS29-LFBGASupplier Device Package529-BGA Case 2017 (19x19)		1 Core, 32-Bit		
RAM ControllersLPDDR, DDR2Graphics AccelerationYesDisplay & Interface ControllersKeypad, LCDEthernet10/100 Mbps (1)SATA-USBUSB 2.0 (3), USB 2.0 + PHY (1)Voltage - I/O1.2V, 1.875V, 2.775V, 3.0VOperating Temperature-20°C ~ 85°C (TC)Security FeaturesS29-LFBGASupplier Device Package529-LFBGA Case 2017 (19x19)	Speed	800MHz		
Graphics AccelerationYesDisplay & Interface ControllersKeypad, LCDEthernet10/100 Mbps (1)SATA-USBUSB 2.0 (3), USB 2.0 + PHY (1)Voltage - I/O1.2V, 1.875V, 2.775V, 3.0VOperating Temperature-20°C ~ 85°C (TC)Security FeaturesS29-LFBGAPackage / Case529-LFBGA	Co-Processors/DSP	Multimedia; NEON? SIMD		
Display & Interface ControllersKeypad, LCDEthernet10/100 Mbps (1)SATA-USBUSB 2.0 (3), USB 2.0 + PHY (1)Voltage - I/O1.2V, 1.875V, 2.775V, 3.0VOperating Temperature-20°C ~ 85°C (TC)Security FeaturesARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTCPackage / Case529-LFBGASupplier Device Package529-BGA Case 2017 (19x19)	RAM Controllers	LPDDR, DDR2		
ControllersReypad, ECDEthernet10/100 Mbps (1)SATA-USBUSB 2.0 (3), USB 2.0 + PHY (1)Voltage - I/O1.2V, 1.875V, 2.775V, 3.0VOperating Temperature-20°C ~ 85°C (TC)Security FeaturesARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTCPackage / Case529-LFBGASupplier Device Package529-BGA Case 2017 (19x19)	Graphics Acceleration	Yes		
SATA-USBUSB 2.0 (3), USB 2.0 + PHY (1)Voltage - I/O1.2V, 1.875V, 2.775V, 3.0VOperating Temperature-20°C ~ 85°C (TC)Security FeaturesARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTCPackage / Case529-LFBGASupplier Device Package529-BGA Case 2017 (19x19)		Keypad, LCD		
USB USB 2.0 (3), USB 2.0 + PHY (1) Voltage - I/O 1.2V, 1.875V, 2.775V, 3.0V Operating Temperature -20°C ~ 85°C (TC) Security Features ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Arc Package / Case 529-LFBGA Supplier Device Package 529-BGA Case 2017 (19x19)	Ethernet	10/100 Mbps (1)		
Voltage - I/O1.2V, 1.875V, 2.775V, 3.0VOperating Temperature-20°C ~ 85°C (TC)Security FeaturesARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTCPackage / Case529-LFBGASupplier Device Package529-BGA Case 2017 (19x19)	SATA	-		
Operating Temperature-20°C ~ 85°C (TC)Security FeaturesARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTCPackage / Case529-LFBGASupplier Device Package529-BGA Case 2017 (19x19)	USB	USB 2.0 (3), USB 2.0 + PHY (1)		
Security FeaturesARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTCPackage / Case529-LFBGASupplier Device Package529-BGA Case 2017 (19x19)	Voltage - I/O	1.2V, 1.875V, 2.775V, 3.0V		
Secure RTCPackage / CaseSupplier Device Package529-BGA Case 2017 (19x19)	Operating Temperature	-20°C ~ 85°C (TC)		
Supplier Device Package529-BGA Case 2017 (19x19)	Security Features			
	Package / Case	529-LFBGA		
Report errors?	Supplier Device Package	529-BGA Case 2017 (19x19)		
		Report errors?		

MCIMX515DJM8CR2 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.

MCIMX515DJM8CR2 Payment Methods



If you have any question about MCIMX515DJM8CR2, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com