



AM3505AZCNA Information



For Reference Only

Part Number AM3505AZCNA

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
Embedded - Microprocessors

Description IC MPU SITARA 600MHZ 491NFBGA

Package 491-LFBGA

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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AM3505AZCNA Specifications

Manufacturer Part Number AM3505AZCNA Manufacturer Texas Instruments Category Integrated Circuits (ICs) Berbedded - Microprocessors Embedded - Microprocessors Package 491-LFBGA Series Sitara? Core Processor ARM? Cortex?-A8 Number of Cores/Bus Width 1 Core, 32-Bit Speed 600MHz Co-Processors/DSP Multimedia; NEON? SIMD RAM Controllers LPDDR, DDR2 Graphics Acceleration No Display & Interface Controllers LCD Ethernet 10/100 Mbps (1) SATA - USB USB 2.0 (3), USB 2.0 + PHY (1) Voltage - I/O 1.8Y, 3.3Y Operating Temperature -40°C ~ 105°C (TJ) Security Features - Security Features 491-LFBGA Supplier Device Package 491-NFBGA (17x17)		
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Package491-LFBGASeriesSitara?Core ProcessorARM? Cortex?-A8Number of Cores/Bus Width1 Core, 32-BitSpeed600MHzCo-Processors/DSPMultimedia; NEON? SIMDRAM ControllersLPDDR, DDR2Graphics AccelerationNoDisplay & Interface ControllersLCDEthernet10/100 Mbps (1)SATA-USBUSB 2.0 (3), USB 2.0 + PHY (1)Voltage - I/O1.8V, 3.3VOperating Temperature-40°C ~ 105°C (TJ)Security Features-Package / Case491-LFBGASupplier Device Package491-NFBGA (17x17)	Manufacturer	Texas Instruments
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Series Sitara? Core Processor ARM? Cortex?-A8 Number of Cores/Bus Width 1 Core, 32-Bit Speed 600MHz Co-Processors/DSP Multimedia; NEON? SIMD RAM Controllers LPDDR, DDR2 Graphics Acceleration No Display & Interface Controllers LCD Ethernet 10/100 Mbps (1) SATA - USB USB 2.0 (3), USB 2.0 + PHY (1) Voltage - I/O 1.8V, 3.3V Operating Temperature -40°C ~ 105°C (TJ) Security Features - Package / Case 491-LFBGA Supplier Device Package 491-NFBGA (17x17)		Embedded - Microprocessors
Core ProcessorARM? Cortex?-A8Number of Cores/Bus Width1 Core, 32-BitSpeed600MHzCo-Processors/DSPMultimedia; NEON? SIMDRAM ControllersLPDDR, DDR2Graphics AccelerationNoDisplay & Interface ControllersLCDEthernet10/100 Mbps (1)SATA-USBUSB 2.0 (3), USB 2.0 + PHY (1)Voltage - I/O1.8V, 3.3VOperating Temperature-40°C ~ 105°C (TJ)Security Features-Package / Case491-LFBGASupplier Device Package491-NFBGA (17x17)	Package	491-LFBGA
Number of Cores/Bus Width1 Core, 32-BitSpeed600MHzCo-Processors/DSPMultimedia; NEON? SIMDRAM ControllersLPDDR, DDR2Graphics AccelerationNoDisplay & Interface ControllersLCDEthernet10/100 Mbps (1)SATA-USBUSB 2.0 (3), USB 2.0 + PHY (1)Voltage - I/O1.8V, 3.3VOperating Temperature-40°C ~ 105°C (TJ)Security Features-Package / Case491-LFBGASupplier Device Package491-NFBGA (17x17)	Series	Sitara?
Speed600MHzCo-Processors/DSPMultimedia; NEON? SIMDRAM ControllersLPDDR, DDR2Graphics AccelerationNoDisplay & Interface ControllersLCDEthernet10/100 Mbps (1)SATA-USBUSB 2.0 (3), USB 2.0 + PHY (1)Voltage - I/O1.8V, 3.3VOperating Temperature-40°C ~ 105°C (TJ)Security Features-Package / Case491-LFBGASupplier Device Package491-NFBGA (17x17)	Core Processor	ARM? Cortex?-A8
Co-Processors/DSP Multimedia; NEON? SIMD RAM Controllers LPDDR, DDR2 Graphics Acceleration No Display & Interface Controllers Ethernet 10/100 Mbps (1) SATA - USB USB 2.0 (3), USB 2.0 + PHY (1) Voltage - I/O 1.8V, 3.3V Operating Temperature -40°C ~ 105°C (TJ) Security Features Package / Case 491-LFBGA Supplier Device Package	Number of Cores/Bus Width	1 Core, 32-Bit
RAM Controllers Graphics Acceleration No Display & Interface Controllers LCD Ethernet 10/100 Mbps (1) SATA - USB USB 2.0 (3), USB 2.0 + PHY (1) Voltage - I/O 1.8V, 3.3V Operating Temperature -40°C ~ 105°C (TJ) Security Features Package / Case 491-LFBGA Supplier Device Package	Speed	600MHz
Graphics AccelerationNoDisplay & Interface ControllersLCDEthernet10/100 Mbps (1)SATA-USBUSB 2.0 (3), USB 2.0 + PHY (1)Voltage - I/O1.8V, 3.3VOperating Temperature-40°C ~ 105°C (TJ)Security Features-Package / Case491-LFBGASupplier Device Package491-NFBGA (17x17)	Co-Processors/DSP	Multimedia; NEON? SIMD
Display & Interface Controllers Ethernet 10/100 Mbps (1) SATA - USB USB 2.0 (3), USB 2.0 + PHY (1) Voltage - I/O 1.8V, 3.3V Operating Temperature -40°C ~ 105°C (TJ) Security Features - Package / Case 491-LFBGA Supplier Device Package	RAM Controllers	LPDDR, DDR2
Ethernet 10/100 Mbps (1) SATA - USB USB 2.0 (3), USB 2.0 + PHY (1) Voltage - I/O 1.8V, 3.3V Operating Temperature -40°C ~ 105°C (TJ) Security Features - Package / Case 491-LFBGA Supplier Device Package 491-NFBGA (17x17)	Graphics Acceleration	No
SATA - USB USB 2.0 (3), USB 2.0 + PHY (1) Voltage - I/O 1.8V, 3.3V Operating Temperature -40°C ~ 105°C (TJ) Security Features - Package / Case 491-LFBGA Supplier Device Package 491-NFBGA (17x17)	Display & Interface Controllers	LCD
USB 2.0 (3), USB 2.0 + PHY (1) Voltage - I/O 1.8V, 3.3V Operating Temperature -40°C \sim 105°C (TJ) Security Features - Package / Case 491-LFBGA Supplier Device Package 491-NFBGA (17x17)	Ethernet	10/100 Mbps (1)
Voltage - I/O $1.8V, 3.3V$ Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C (TJ)}$ Security Features $-$ Package / Case 491-LFBGA Supplier Device Package 491-NFBGA (17x17)	SATA	-
Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C} \text{ (TJ)}$ Security Features $-40^{\circ}\text{C} \sim 105^{\circ}\text{C} \text{ (TJ)}$ Package / Case -491-LFBGA Supplier Device Package $-491\text{-NFBGA} \times 100^{\circ}\text{C} \times 100^{\circ}\text{C}$	USB	USB 2.0 (3), USB 2.0 + PHY (1)
Security Features - Package / Case 491-LFBGA Supplier Device Package 491-NFBGA (17x17)	Voltage - I/O	1.8V, 3.3V
Package / Case 491-LFBGA Supplier Device Package 491-NFBGA (17x17)	Operating Temperature	-40°C ~ 105°C (TJ)
Supplier Device Package 491-NFBGA (17x17)	Security Features	-
	Package / Case	491-LFBGA
Report errors?	Supplier Device Package	491-NFBGA (17x17)
		Report errors?

AM3505AZCNA 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.

AM3505AZCNA Payment Methods



















AM3505AZCNA Shipping Methods













If you have any question about AM3505AZCNA, please do not hesitate to contact us!

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