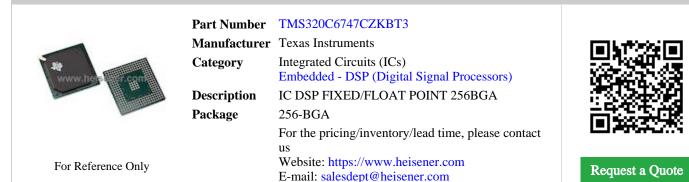


# TMS320C6747CZKBT3

### TMS320C6747CZKBT3 Information



### **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.



## TMS320C6747CZKBT3 Specifications

ManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)Embedded - DSP (Digital Signal Processors)Package256-BGASeriesTMS320C674xTypeFixed/Floating PointInterfaceEBI/EMI, Ethernet MAC, Host Interface, I2C, McASP, SPI, UART, USBClock Rate375MHzNon-Volatile MemoryExternalOn-Chip RAM448kBVoltage - L/O3.30VVoltage - Core1.20VOperating Temperature4.40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case256-BGA (17x17)			
CategoryIntegrated Circuits (ICs) Embedded - DSP (Digital Signal Processors)Package256-BGASeriesTMS320C674xTypeFixed/Floating PointInterfaceEBI/EMI, Ethernet MAC, Host Interface, I2C, McASP, SPI, UART, USBClock Rate375MHzNon-Volatile MemoryExternalOn-Chip RAM448kBVoltage - I/O3.30VVoltage - Core1.20VOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case256-BGASupplier Device Package256-BGA (17x17)	Manufacturer Part Number	TMS320C6747CZKBT3	
Impedded - DSP (Digital Signal Processors)Package256-BGASeriesTMS320C674xTypeFixed/Floating PointInterfaceEBI/EMI, Ethernet MAC, Host Interface, I2C, McASP, SPI, UART, USBClock Rate375MHzNon-Volatile MemoryExternalOn-Chip RAM448kBVoltage - I/O3.30VVoltage - Core1.20VOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case256-BGASupplier Device Package256-BGA (17x17)	Manufacturer	Texas Instruments	
Package256-BGASeriesTMS320C674xTypeFixed/Floating PointInterfaceEBI/EMI, Ethernet MAC, Host Interface, I2C, McASP, SPI, UART, USBClock Rate375MHzNon-Volatile MemoryExternalOn-Chip RAM448kBVoltage - I/O3.30VVoltage - Core1.20VOperating Temperature-40°C ~125°C (TJ)Mounting TypeSurface MountPackage / Case256-BGA (17x17)	Category	Integrated Circuits (ICs)	
SeriesTMS320C674xTypeFixed/Floating PointInterfaceEBI/EMI, Ethernet MAC, Host Interface, I2C, McASP, SPI, UART, USBClock Rate375MHzNon-Volatile MemoryExternalOn-Chip RAM448kBVoltage - I/O3.30VVoltage - Core1.20VOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case256-BGASupplier Device Package256-BGA (17x17)		Embedded - DSP (Digital Signal Processors)	
TypeFixed/Floating PointInterfaceEBI/EMI, Ethernet MAC, Host Interface, I2C, McASP, SPI, UART, USBClock Rate375MHzNon-Volatile MemoryExternalOn-Chip RAM448kBVoltage - I/O3.30VVoltage - Core1.20VOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case256-BGA (17x17)	Package	256-BGA	
InterfaceEBI/EMI, Ethernet MAC, Host Interface, I2C, McASP, SPI, UART, USBClock Rate375MHzNon-Volatile MemoryExternalOn-Chip RAM448kBVoltage - I/O3.30VVoltage - Core1.20VOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case256-BGASupplier Device Package256-BGA (17x17)	Series	TMS320C674x	
Clock Rate375MHzNon-Volatile MemoryExternalOn-Chip RAM448kBVoltage - I/O3.30VVoltage - Core1.20VOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case256-BGASupplier Device Package256-BGA (17x17)	Туре	Fixed/Floating Point	
Non-Volatile MemoryExternalOn-Chip RAM448kBVoltage - I/O3.30VVoltage - Core1.20VOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case256-BGASupplier Device Package256-BGA (17x17)	Interface	EBI/EMI, Ethernet MAC, Host Interface, I2C, McASP, SPI, UART, USB	
On-Chip RAM448kBVoltage - I/O3.30VVoltage - Core1.20VOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case256-BGASupplier Device Package256-BGA (17x17)	Clock Rate	375MHz	
Voltage - I/O3.30VVoltage - Core1.20VOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case256-BGASupplier Device Package256-BGA (17x17)	Non-Volatile Memory	External	
Voltage - Core1.20VOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case256-BGASupplier Device Package256-BGA (17x17)	On-Chip RAM	448kB	
Operating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case256-BGASupplier Device Package256-BGA (17x17)	Voltage - I/O	3.30V	
Mounting TypeSurface MountPackage / Case256-BGASupplier Device Package256-BGA (17x17)	Voltage - Core	1.20V	
Package / Case256-BGASupplier Device Package256-BGA (17x17)	Operating Temperature	-40°C ~ 125°C (TJ)	
Supplier Device Package256-BGA (17x17)	Mounting Type	Surface Mount	
	Package / Case	256-BGA	
Report errors?	Supplier Device Package	256-BGA (17x17)	
			Report errors?

### TMS320C6747CZKBT3 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.

### TMS320C6747CZKBT3 Payment Methods



If you have any question about TMS320C6747CZKBT3, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com