

# MK2712STR

## **MK2712STR Information**

Ment prisener, com	Part Number Manufacturer Category	Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs,	
Race	Description Package	Frequency Synthesizers IC CLK SOURCE MTSC/PAL 8-SOIC 8-SOIC (0.154", 3.90mm Width)	
For Reference Only		For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

# **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.



# **MK2712STR Specifications**

Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage8-SOIC (0.154", 3.90mm Width)Series-TypeClock Synthesizer - VideoPLLYesInputClockOutputClockOutputCMOSNumber of Circuits1Ratio - Input:Output1:1Differential - Input:OutputSolf 469MHzFrequency - Max35.469MHzDivider/MultiplierNo/NoVoltage - Supply4.5 V ~ 5.5 VOutput0°C ~ 70°CMounting TypeSurface Mount			
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage8-SOIC (0.154", 3.90mm Width)Series-TypeClock Synthesizer - VideoPLLYesInputClockOutputCMOSNumber of Circuits1Ratio - Input:OutputNo/NoFrequency - Max35.469MHzDivider/MultiplierNo/NoVoltage - Supply4.5 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	MK2712STR	
Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage8-SOIC (0.154", 3.90mm Width)Series-TypeClock Synthesizer - VideoPLLYesInputClockOutputCMOSNumber of Circuits1Ratio - Input:OutputInflDifferential - Input:OutputNo/NoFrequency - Max35.469MHzDivider/MultiplierNo/NoVoltage - Supply4.5 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Manufacturer	IDT, Integrated Device Technology Inc	
Package8-SOIC (0.154", 3.90mm Width)Series-TypeClock Synthesizer - VideoPLLYesInputClockOutputCMOSNumber of Circuits1Ratio - Input:OutputI:1Differential - Input:OutputNo/NoFrequency - Max35.469MHzDivider/MultiplierNo/NoVoltage - Supply4.5 V ~ 5.5 VOperating TemperatureO°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Category	Integrated Circuits (ICs)	
Series-TypeClock Synthesizer - VideoPLLYesInputClockOutputCMOSNumber of Circuits1Ratio - Input:Output1.1Differential - Input:OutputNo/NoFrequency - Max35.469MHzOltage - Supply4.5 V ~ 5.5 VOutput Gircuits0°C ~ 70°CMounting TypeSufface MountAgade / Case8.SOIC (0.154", 3.90mm Width)		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
TypeClock Synthesizer - VideoPLLYesInputClockOutputCMOSNumber of Circuits1Ratio - Input:Output1:1Differential - Input:OutputNo/NoFrequency - Max3:469MHzOltage - Supply4:5 V ~ 5.5 VOperating TemperatureO°C ~ 70°CMounting TypeSesOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Package	8-SOIC (0.154", 3.90mm Width)	
PLL Yes   Input Clock   Output CMOS   Number of Circuits 1   Ratio - Input:Output 1:1   Differential - Input:Output No/No   Frequency - Max 35.469MHz   Divider/Multiplier No/No   Voltage - Supply 4.5 V ~ 5.5 V   Operating Temperature 0°C ~ 70°C   Mounting Type Surface Mount   Package / Case 8-SOIC (0.154", 3.90mm Width)	Series	-	
InputClockOutputCMOSNumber of Circuits1Ratio - Input:Output1:1Differential - Input:OutputNo/NoFrequency - Max3.5.469MHzDivider/MultiplierNo/NoVoltage - Supply4.5 V ~ 5.5 VOperating TemperatureO°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Туре	Clock Synthesizer - Video	
And OutputCMOSNumber of Circuits1Ratio - Input:Output1:1Differential - Input:OutputNo/NoFrequency - Max35.469MHzDivider/MultiplierNo/NoVoltage - Supply4.5 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	PLL	Yes	
Number of Circuits1Number of Circuits1:1Ratio - Input:OutputNo/NoDifferential - Input:OutputS5.469MHzFrequency - Max35.469MHzDivider/MultiplierNo/NoVoltage - Supply4.5 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Input	Clock	
Ratio - Input:Output1:1Differential - Input:OutputNo/NoFrequency - Max35.469MHzDivider/MultiplierNo/NoVoltage - Supply4.5 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Output	CMOS	
Differential - Input:OutputNo/NoFrequency - Max35.469MHzDivider/MultiplierNo/NoVoltage - Supply4.5 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Number of Circuits	1	
Frequency - Max35.469MHzDivider/MultiplierNo/NoVoltage - Supply4.5 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Ratio - Input:Output	1:1	
Divider/MultiplierNo/NoVoltage - Supply4.5 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Differential - Input:Output	No/No	
Voltage - Supply4.5 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Frequency - Max	35.469MHz	
Operating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Divider/Multiplier	No/No	
Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Voltage - Supply	4.5 V ~ 5.5 V	
Package / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Operating Temperature	$0^{\circ}C \sim 70^{\circ}C$	
Supplier Device Package 8-SOIC	Mounting Type	Surface Mount	
	Package / Case	8-SOIC (0.154", 3.90mm Width)	
Report errors?	Supplier Device Package	8-SOIC	
		Report errors?	

#### **MK2712STR 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 GUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

### MK2712STR Payment Methods



# MK2712STR Shipping Methods



If you have any question about MK2712STR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com