

# 525R-03ILFT

### **525R-03ILFT Information**

	Part Number	525R-03ILFT	
www.usersener.com	Manufacturer	IDT, Integrated Device Technology Inc	E1259.E1
	Category	Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
	Description	IC CLOCK USER CONFIG 28-SSOP	
	Package	28-SSOP (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.



## **525R-03ILFT Specifications**

Manufacturer Part Number 525R-031LFT   Manufacturer IDT, Integrated Device Technology Inc   Category Integrated Circuits (ICs)   Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers   Package 28-SSOP (0.154", 3.90mm Width)   Series OSCaR?   Type Clock Generator, Fanout Distribution   PLL Yes   Input PECL   Output CMOS   Number of Circuits 1   Ratio - Input:Output 1:2   Differential - Input:Output Yes/No   Frequency - Max 250MHz   Voltage - Supply 3V ~ 5.5 V   Output Surface Mount   Mounting Type Surface Mount   Package / Case 28-SSOP (0.154", 3.90mm Width)	-			
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage28-SSOP (0.154", 3.90mm Width)SeriesOSCaR?TypeClock Generator, Fanout DistributionPLLYesInputPECLOutputCMOSNumber of Circuits1Ratio - Input:OutputYes/NoPifferential - Input:OutputYes/NoPifferential - Input:OutputYes/NoVoltage - Supply3 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSerSOP (0.154", 3.90mm Width)Package / Case28-SSOP (0.154", 3.90mm Width)Supplier Device Package28-SSOP (0.154", 3.90mm Width)	Manufacturer Part Number	525R-03ILFT		
Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage28-SSOP (0.154", 3.90mm Width)SeriesOSCaR?TypeClock Generator, Fanout DistributionPLLYesInputPECLOutputCMOSNumber of Circuits1Ratio - Input:OutputYes/NoDifferential - Input:OutputYes/NoFrequency - Max250MHzDivider/MultiplierYes/NoVoltage - Supply3 V ~ 5.5 VMounting TypeSurface MountPackage / Case28-SSOP (0.154", 3.90mm Width)Supplier Device Package28-SSOP	Manufacturer	IDT, Integrated Device Technology Inc		
Package28-SSOP (0.154", 3.90mm Width)SeriesOSCaR?TypeClock Generator, Fanout DistributionPLLYesInputPECLOutputCMOSNumber of Circuits1Ratio - Input:Output1:2Differential - Input:OutputYes/NoFrequency - Max250MHzDivider/Multiplier3 V ~ 5.5 VOutput3 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case28-SSOP (0.154", 3.90mm Width)Supplier Device Package28-QSOP	Category	Integrated Circuits (ICs)		
SeriesOSCaR?TypeClock Generator, Fanout DistributionPLLYesInputPECLOutputCMOSNumber of Circuits1Ratio - Input:Output1.2Differential - Input:OutputYes/NoFrequency - Max250MHzVoltage - Supply3 V ~ 5.5 VOutput GircuitsSurGe - SupplyAunting TypeSurGa - SupplySuppler Device Package28-SOP (0.154", 3.90mm Width)		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers		
TypeClock Generator, Fanout DistributionPLLYesInputPECLOutputCMOSNumber of Circuits1Ratio - Input:Output1:2Differential - Input:OutputYes/NoFrequency - Max250MHzDivider/MultiplierSv > 5.5 VOutput3V ~ 5.5 VOperating Temperature40°C ~ 85°CMounting TypeSunface MountPackage / Case28-SOP (0.154", 3.90mm Width)Supplier Device Package28-QSOP	Package	28-SSOP (0.154", 3.90mm Width)		
PLL Yes   Input PECL   Output CMOS   Number of Circuits 1   Ratio - Input:Output 1:2   Differential - Input:Output Yes/No   Frequency - Max 250MHz   Divider/Multiplier Yes/No   Voltage - Supply 3 V ~ 5.5 V   Operating Temperature 40°C ~ 85°C   Mounting Type Surface Mount   Package / Case 28-SSOP (0.154", 3.90mm Width)   Supplier Device Package 28-QSOP	Series	OSCaR?		
InputPECLOutputCMOSNumber of Circuits1Ratio - Input:Output1:2Differential - Input:OutputYes/NoFrequency - Max250MHzDivider/MultiplierYes/NoVoltage - Supply3 V ~ 5.5 VOperating TemperatureSurface MountMounting TypeSurface MountPackage / Case28-SSOP (0.154", 3.90mm Width)Supplier Device Package8-QSOP	Туре	Clock Generator, Fanout Distribution		
OutputCMOSNumber of Circuits1Ratio - Input:Output1:2Differential - Input:OutputYes/NoFrequency - Max250MHzDivider/MultiplierYes/NoVoltage - Supply3 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case28-SSOP (0.154", 3.90mm Width)Supplier Device Package28-QSOP	PLL	Yes		
Number of Circuits1Ratio - Input:Output1:2Differential - Input:OutputYes/NoFrequency - Max250MHzDivider/MultiplierYes/NoVoltage - Supply3 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case28-SSOP (0.154", 3.90mm Width)Supplier Device Package28-QSOP	Input	PECL		
Ratio - Input:Output1:2Differential - Input:OutputYes/NoFrequency - Max250MHzDivider/MultiplierYes/NoVoltage - Supply3 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case28-SSOP (0.154", 3.90mm Width)Supplier Device Package28-QSOP	Output	CMOS		
Differential - Input:OutputYes/NoFrequency - Max250MHzDivider/MultiplierYes/NoVoltage - Supply3 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case28-SSOP (0.154", 3.90mm Width)Supplier Device Package28-QSOP	Number of Circuits	1		
Frequency - Max250MHzDivider/MultiplierYes/NoVoltage - Supply3 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case28-SSOP (0.154", 3.90mm Width)Supplier Device Package28-QSOP	Ratio - Input:Output	1:2		
Divider/MultiplierYes/NoVoltage - Supply3 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case28-SSOP (0.154", 3.90mm Width)Supplier Device Package28-QSOP	Differential - Input:Output	Yes/No		
Voltage - Supply3 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case28-SSOP (0.154", 3.90mm Width)Supplier Device Package28-QSOP	Frequency - Max	250MHz		
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case28-SSOP (0.154", 3.90mm Width)Supplier Device Package28-QSOP	Divider/Multiplier	Yes/No		
Mounting TypeSurface MountPackage / Case28-SSOP (0.154", 3.90mm Width)Supplier Device Package28-QSOP	Voltage - Supply	3 V ~ 5.5 V		
Package / Case28-SSOP (0.154", 3.90mm Width)Supplier Device Package28-QSOP	Operating Temperature	-40°C ~ 85°C		
Supplier Device Package 28-QSOP	Mounting Type	Surface Mount		
	Package / Case	28-SSOP (0.154", 3.90mm Width)		
Report errors?	Supplier Device Package	28-QSOP		
		Report errors		

#### **525R-03ILFT 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 SUARANTEE

#### **Service Guarantees**

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

# 525R-03ILFT Payment Methods



# 525R-03ILFT Shipping Methods



If you have any question about 525R-03ILFT, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com