

# **ICS552AR-01**

### **ICS552AR-01 Information**

and the second s	Part Number Manufacturer	ICS552AR-01 IDT, Integrated Device Technology Inc	
www.belsener.com	Category	Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
	Description	IC OSC/MULT/BUFFER OCT 20-SSOP	
	Package	20-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.



# **ICS552AR-01 Specifications**

Manufacturer Part NumberICS552AR-01ManufacturerIDT, Integrated Device Technology IncCategoryIntegrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage20-SSOP (0.154", 3.90nm Width)Series-TypeClock Generators, PLLs, Device Technology IncPLSeriesPuptClock Generators, PLLs, Device Technology IncNumber of CircuitsClock Generator, Fanout DistributionOutputClock, CrystalNumber of CircuitsIRatio - Input:OutputISNumber of CircuitsNo/NoFrequency - Max200MHzOutputNo/NoVoltage - SupplySur 5.5 VOutputSur 5.5 VOutparting TemperatureOcs 200P(0.154", 3.90nm Width)Package / Case20-SSOP (0.154", 3.90nm Width)Supplier Device Package20-QSOP			
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage20-SSOP (0.154", 3.90mm Width)Series-TypeClock Generator, Fanout DistributionPLLYesInputClock, CrystalOutputCMOSNumber of Circuits1Ratio - Input:OutputNo/NoFrequency - Max200MHzDivider/MultiplierNo/YesVoltage - Supply3 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case20-SSOP (0.154", 3.90mm Width)Supplier Device Package20-QSOP	Manufacturer Part Number	ICS552AR-01	
Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage20-SSOP (0.154", 3.90mm Width)Series-TypeClock Generator, Fanout DistributionPLLYesInputClock, CrystalOutputCMOSNumber of Circuits1Ratio - Input:Output1.8Differential - Input:OutputNo/NoFrequency - Max200MHzDivider/MultiplierNo/YesVoltage - Supply3 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case20-SSOP (0.154", 3.90mm Width)Supplier Device Package20-QSOP	Manufacturer	IDT, Integrated Device Technology Inc	
Package20-SSOP (0.154", 3.90mm Width)Series-TypeClock Generator, Fanout DistributionPLLYesInputClock, CrystalOutputCMOSNumber of Circuits1Ratio - Input:Output1.8Differential - Input:OutputNo/NoFrequency - Max200MHzDivider/MultiplierNo/YesVoltage - Supply3 V ~ 5.5 VOutputSurface MountPrekage / Case0.9CSOP (0.154", 3.90mm Width)Supplier Device Package20.QSOP	Category	Integrated Circuits (ICs)	
Series-TypeClock Generator, Fanout DistributionPLLYesInputClock, CrystalOutputCMOSNumber of Circuits1Ratio - Input:Output1.8Differential - Input:OutputNo/NoFrequency - Max200MHzOutput3 V ~ 5.5 VOutput of Croce0°C ~ 70°CMounting TypeSurface MountPackage / Case20-SSOP (0.154", 3.90mm Width)Supplier Device Package0-Q SOP		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
TypeClock Generator, Fanout DistributionPLLYesInputClock, CrystalOutputCMOSNumber of Circuits1Ratio - Input:Output1.8Differential - Input:OutputNo/NoFrequency - Max200MHzDivider/MultiplierNo/YesVoltage - Supply3 V ~ 5.5 VOperating TemperatureO°C ~ 70°CMounting TypeSurface MountPackage / CaseQo.SOP (0.154", 3.90mm Width)Supplier Device PackageO.SOP	Package	20-SSOP (0.154", 3.90mm Width)	
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InputClock, CrystalOutputCMOSNumber of Circuits1Ratio - Input:Output1.8Differential - Input:OutputNo/NoFrequency - Max200MHzDivider/MultiplierNo/YesVoltage - Supply3 V ~ 5.5 VOperating TemperatureOrC ~ 70°CMounting TypeSurface MountPackage / Case20-SOP (0.154", 3.90mm Width)Supplier Device Package0-QSOP	Туре	Clock Generator, Fanout Distribution	
OutputCMOSNumber of Circuits1Ratio - Input:Output1:8Differential - Input:OutputNo/NoFrequency - Max200MHzDivider/MultiplierNo/YesVoltage - Supply3 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case20-SSOP (0.154", 3.90mm Width)Supplier Device Package20-QSOP	PLL	Yes	
Number of Circuits1Ratio - Input:Output1:8Differential - Input:OutputNo/NoFrequency - Max200MHzDivider/MultiplierNo/YesVoltage - Supply3 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case20-SSOP (0.154", 3.90mm Width)Supplier Device Package20-QSOP	Input	Clock, Crystal	
Ratio - Input:Output1:8Differential - Input:OutputNo/NoFrequency - Max200MHzDivider/MultiplierNo/YesVoltage - Supply3 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case20-SSOP (0.154", 3.90mm Width)Supplier Device Package20-QSOP	Output	CMOS	
Differential - Input:OutputNo/NoFrequency - Max200MHzDivider/MultiplierNo/YesVoltage - Supply3 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case20-SSOP (0.154", 3.90mm Width)Supplier Device Package20-QSOP	Number of Circuits	1	
Frequency - Max200MHzDivider/MultiplierNo/YesVoltage - Supply3 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case20-SSOP (0.154", 3.90mm Width)Supplier Device Package20-QSOP	Ratio - Input:Output	1:8	
Divider/MultiplierNo/YesVoltage - Supply3 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case20-SSOP (0.154", 3.90mm Width)Supplier Device Package20-QSOP	Differential - Input:Output	No/No	
Voltage - Supply3 V ~ 5.5 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case20-SSOP (0.154", 3.90mm Width)Supplier Device Package20-QSOP	Frequency - Max	200MHz	
Operating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case20-SSOP (0.154", 3.90mm Width)Supplier Device Package20-QSOP	Divider/Multiplier	No/Yes	
Mounting TypeSurface MountPackage / Case20-SSOP (0.154", 3.90mm Width)Supplier Device Package20-QSOP	Voltage - Supply	3 V ~ 5.5 V	
Package / Case20-SSOP (0.154", 3.90mm Width)Supplier Device Package20-QSOP	Operating Temperature	$0^{\circ}C \sim 70^{\circ}C$	
Supplier Device Package 20-QSOP	Mounting Type	Surface Mount	
	Package / Case	20-SSOP (0.154", 3.90mm Width)	
Report errors?	Supplier Device Package	20-QSOP	
		Report errors?	

#### **ICS552AR-01** 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.

# **ICS552AR-01 Payment Methods**



# ICS552AR-01 Shipping Methods



If you have any question about ICS552AR-01, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com