

ICS552AR-01

ICS552AR-01 Information

| and the second s | Part Number Manufacturer | ICS552AR-01 IDT, Integrated Device Technology Inc | |
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| 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

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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 | | | |
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| 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) | |
| PLLYesPLLYesInputClock, 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 | Series | - | |
| 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