

IDT2309-1HPGI

IDT2309-1HPGI Information

| Part N | umber IDT2309-1HPGI | |
|--------------------|--|-----------------|
| Manuf | facturer IDT, Integrated Device Technology Inc | |
| Catego | ory Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers | |
| Descri | ption IC CLK BUFF ZD PLL HIDRV 16TSSOP | 10.0 |
| Packa | ge 16-TSSOP (0.173", 4.40mm 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 |

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IDT2309-1HPGI Specifications

| Manufacturer Part NumberIDT2309-1HPGIManufacturerIDT, Integrated Device Technology IncCategoryIntegrated Circuits (ICs)Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackageI6-TSSOP (0.173", 4.40mm Width)Series-TypeZero Delay BufferPLLYes with BypassInputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:Output1.9Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierSV ~ 3.6 VVoltage - SupplySurface MountSurface MountSurface Mount | | |
|---|-----------------------------|---|
| CategoryIntegrated Circuits (ICs)Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage16-TSSOP (0.173", 4.40mm Width)Series-TypeZero Delay BufferPLLYes with BypassInputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:Output1.9Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature40°C ~ 85°C | Manufacturer Part Number | IDT2309-1HPGI |
| Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage16-TSSOP (0.173", 4.40mm Width)Series-TypeZero Delay BufferPLLYes with BypassInputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:Output1.9Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°C | Manufacturer | IDT, Integrated Device Technology Inc |
| Package16-TSSOP (0.173", 4.40mm Width)Series-TypeZero Delay BufferPLLYes with BypassInputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:Output1.9Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°C | Category | Integrated Circuits (ICs) |
| Series-TypeZero Delay BufferPLLYes with BypassInputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:Output19Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierSv ~ 3.6 VOperating Temperature-40°C ~ 85°C | | Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers |
| TypeZero Delay BufferPLLYes with BypassInputLVTTLOutputLVTTLNumber of Circuits1Ratio - Input:Output1:9Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3V ~ 3.6 VOperating Temperature-40°C ~ 85°C | Package | 16-TSSOP (0.173", 4.40mm Width) |
| PLL Yes with Bypass Input LVTTL Output LVTTL Number of Circuits 1 Ratio - Input:Output 1.9 Differential - Input:Output No/No Frequency - Max 1.33MHz Divider/Multiplier No/No Voltage - Supply 3 V ~ 3.6 V Operating Temperature -40°C ~ 85°C | Series | - |
| Input LVTTL Output LVTTL Number of Circuits LVTTL Ratio - Input:Output 1 Prequency - Max 1.9 Divider/Multiplier No/No Pointage - Supply SV ~ 3.6 V Operating Temperature -40°C ~ 85°C | Туре | Zero Delay Buffer |
| Number of CircuitsLVTTLNumber of Circuits1Ratio - Input:Output1:9Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°C | PLL | Yes with Bypass |
| Number of Circuits1Number of Circuits1Ratio - Input:Output1:9Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°C | Input | LVTTL |
| Ratio - Input:Output1:9Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°C | Output | LVTTL |
| Differential - Input:OutputNo/NoFrequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°C | Number of Circuits | 1 |
| Frequency - Max133MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°C | Ratio - Input:Output | 1:9 |
| Divider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°C | Differential - Input:Output | No/No |
| Voltage - Supply3 V ~ 3.6 VOperating Temperature-40°C ~ 85°C | Frequency - Max | 133MHz |
| Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ | Divider/Multiplier | No/No |
| | Voltage - Supply | 3 V ~ 3.6 V |
| Mounting Type Surface Mount | Operating Temperature | $-40^{\circ}\mathrm{C} \sim 85^{\circ}\mathrm{C}$ |
| Survey Survey Survey | Mounting Type | Surface Mount |
| Package / Case 16-TSSOP (0.173", 4.40mm Width) | Package / Case | 16-TSSOP (0.173", 4.40mm Width) |
| Supplier Device Package 16-TSSOP | Supplier Device Package | 16-TSSOP |
| Report errors? | | Report errors? |

IDT2309-1HPGI 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 BUARANTEE

Service Guarantees

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

IDT2309-1HPGI Payment Methods



IDT2309-1HPGI Shipping Methods



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