

# CDC857-2DGG

### **CDC857-2DGG Information**

Part Numbe	r CDC857-2DGG	
Manufacture	er Texas Instruments	
Category	Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers	
Description	IC 2.5V PLL CLK-DRVR 48-TSSOP	
Package	48-TFSOP (0.240", 6.10mm Width)	- 同学的基本
	For the pricing/inventory/lead time, please contact us	1210-14-024
For Reference Only	Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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# **CDC857-2DGG Specifications**

Manufacturer Part Number CDC857-2DGG   Manufacturer Texas Instruments   Category Integrated Circuits (ICs)   Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers   Package 48-TFSOP (0.240", 6.10mm Width)   Series -   Type PLL Clock Driver   PLL Yes with Bypass   Input LVTTL, SSTL-2   Output SSTL-2   Number of Circuits 1   Ratio - Input:Output 1:10   Differential - Input:Output Yes/Yes   Frequency - Max 167MHz   Voltage - Supply 2.3 V ~ 2.7 V   Operating Temperature 0°C ~ 85°C   Mounting Type Surface Mount   Package / Case 48-TFSOP (0.240", 6.10mm Width)		
CategoryInteractionCategoryIntegrated Circuits (ICs)Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage48-TFSOP (0.240", 6.10mm Width)Series-TypePLL Clock DriverPLLYes with BypassInputLVTTL, SSTL-2OutputSSTL-2Number of Circuits1Ratio - Input:OutputYes/YesFrequency - Max167MHzDivider/MultiplierNo/NoVoltage - Supply2.3 V ~ 2.7 VOperating Temperature0°C ~ 85°CMounting Type48-TFSOP (0.240", 6.10mm Width)Package / Case48-TSSOP	Manufacturer Part Number	CDC857-2DGG
Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage48-TFSOP (0.240", 6.10mm Width)Series-TypePLL Clock DriverPLLYes with BypassInputLVTTL, SSTL-2OutputSSTL-2Number of Circuits1Ratio - Input:OutputYes/YesDifferential - Input:OutputYes/YesFrequency - Max167MHzPortage - Supply2.3 V ~ 2.7 VOperating Temperature0°C ~ 85°CMounting TypeSurface MountPackage / Case48-TFSOP (0.240", 6.10mm Width)Supplier Device Package48-TSSOP	Manufacturer	Texas Instruments
Package48-TFSOP (0.240", 6.10mm Width)Series-TypePLL Clock DriverPLQYes with BypassInputVTTL, SSTL-2OutputSSTL-2Number of Circuits1Ratio - Input:Output1:10Differential - Input:OutputYes/YesFrequency - Max167MHzNo/No2.3 V ~ 2.7 VOutputSufface MountApprenting TypeSufface MountPackage / Case48-TFSOP (0.240", 6.10mm Width)Supplier Device Package48-TSSOP	Category	Integrated Circuits (ICs)
Series-TypePLL Clock DriverPLLYes with BypassInputLVTL, SSTL-2OutputSSTL-2Number of Circuits1Ratio - Input:Output10Differential - Input:OutputYes/YesFrequency - Max167MHzVoltage - Supply0°C ~ 85°COutputing TypeSurfSOP (0.240", 6.10mm Width)Supplier Device Package8-TSSOP		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers
TypePLL Clock DriverPLLYes with BypassInputLVTTL, SSTL-2OutputSSTL-2Number of Circuits1Ratio - Input:Output1:10Differential - Input:OutputYes/YesFrequency - Max167MHzNo/No2.3 V ~ 2.7 VOutpate - Supply0°C ~ 85°CMounting TypeSufface MountPackage / Case48-TFSOP (0.240", 6.10mm Width)Supplier Device Package48-TSSOP	Package	48-TFSOP (0.240", 6.10mm Width)
PLLYes with BypassPLLVes with BypassInputLVTTL, SSTL-2OutputSSTL-2Number of Circuits1Ratio - Input:Output1:10Differential - Input:OutputYes/YesFrequency - Max167MHzDivider/MultiplierNo/NoVoltage - Supply2.3 V ~ 2.7 VOperating Temperature0°C ~ 85°CMounting TypeSurface MountPackage / Case48-TFSOP (0.240", 6.10mm Width)Supplier Device Package48-TSSOP	Series	-
InputLVTTL, SSTL-2OutputSSTL-2Number of Circuits1Ratio - Input:Output1:10Differential - Input:OutputYes/YesFrequency - Max167MHzDivider/MultiplierNo/NoVoltage - Supply2.3 V ~ 2.7 VOperating Temperature0°C ~ 85°CMounting TypeSurface MountPackage / Case48-TFSOP (0.240", 6.10mm Width)Supplier Device Package48-TSSOP	Туре	PLL Clock Driver
OutputSSTL-2Number of Circuits1Ratio - Input:Output1:10Differential - Input:OutputYes/YesFrequency - Max167MHzDivider/MultiplierNo/NoVoltage - Supply2.3 V ~ 2.7 VOperating Temperature0°C ~ 85°CMounting TypeSurface MountPackage / Case48-TFSOP (0.240", 6.10mm Width)Number of Case48-TSSOP	PLL	Yes with Bypass
Number of Circuits1Ratio - Input:Output1:10Differential - Input:OutputYes/YesFrequency - Max167MHzDivider/MultiplierNo/NoVoltage - Supply2.3 V ~ 2.7 VOperating Temperature0°C ~ 85°CMounting TypeSurface MountPackage / Case48-TFSOP (0.240", 6.10mm Width)Supplier Device Package48-TSSOP	Input	LVTTL, SSTL-2
Ratio - Input:Output1:10Differential - Input:OutputYes/YesFrequency - Max167MHzDivider/MultiplierNo/NoVoltage - Supply2.3 V ~ 2.7 VOperating Temperature0°C ~ 85°CMounting TypeSurface MountPackage / Case48-TFSOP (0.240", 6.10mm Width)Supplier Device Package48-TSSOP	Output	SSTL-2
Differential - Input:OutputYes/YesFrequency - Max167MHzDivider/MultiplierNo/NoVoltage - Supply2.3 V ~ 2.7 VOperating Temperature0°C ~ 85°CMounting TypeSurface MountPackage / Case48-TFSOP (0.240", 6.10mm Width)Supplier Device Package48-TSSOP	Number of Circuits	1
Frequency - Max167MHzDivider/MultiplierNo/NoVoltage - Supply2.3 V ~ 2.7 VOperating Temperature0°C ~ 85°CMounting TypeSurface MountPackage / Case48-TFSOP (0.240", 6.10mm Width)Supplier Device Package48-TSSOP	Ratio - Input:Output	1:10
Divider/MultiplierNo/NoVoltage - Supply2.3 V ~ 2.7 VOperating Temperature0°C ~ 85°CMounting TypeSurface MountPackage / Case48-TFSOP (0.240", 6.10mm Width)Supplier Device Package48-TSSOP	Differential - Input:Output	Yes/Yes
Voltage - Supply2.3 V ~ 2.7 VOperating Temperature0°C ~ 85°CMounting TypeSurface MountPackage / Case48-TFSOP (0.240", 6.10mm Width)Supplier Device Package48-TSSOP	Frequency - Max	167MHz
Operating Temperature0°C ~ 85°CMounting TypeSurface MountPackage / Case48-TFSOP (0.240", 6.10mm Width)Supplier Device Package48-TSSOP	Divider/Multiplier	No/No
Mounting TypeSurface MountPackage / Case48-TFSOP (0.240", 6.10mm Width)Supplier Device Package48-TSSOP	Voltage - Supply	2.3 V ~ 2.7 V
Package / Case48-TFSOP (0.240", 6.10mm Width)Supplier Device Package48-TSSOP	Operating Temperature	$0^{\circ}$ C ~ 85°C
Supplier Device Package 48-TSSOP	Mounting Type	Surface Mount
	Package / Case	48-TFSOP (0.240", 6.10mm Width)
Report errors?	Supplier Device Package	48-TSSOP
Report errors.		Report errors?

#### **CDC857-2DGG Guarantees**



Quality Guarantees

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