

SY100S834ZC-TR

SY100S834ZC-TR Information



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.



SY100S834ZC-TR Specifications

Manufacturer Part NumberSY100S834ZC-TRManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackageIo-SOIC (0.154", 3.90mm Width)SeriesPrecision Edge?TypeClock GeneratorPLLNoInputECL, PECLOutputClockNumber of Circuits1Ratio - Input:OutputI:3Differential - Input:OutputYes/YesFrequency - Max-Divider/MultiplierYes/NoVoltage - Supply4.2 V ~ 5.5 VMounting TypeSurface Mount		
CategoryIntegrated Circuits (ICs)Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage16-SOIC (0.154", 3.90mm Width)SeriesPrecision Edge?TypeClock GeneratorPLLNoInputECL, PECLOutputClockNumber of Circuits1Ratio - Input:Output1:3Differential - Input:OutputYes/YesFrequency - Max-Divider/MultiplierYes/NoVoltage - Supply4.2 V ~ 5.5 VOperating Temperature0°C ~ 85°C	Manufacturer Part Number	SY100S834ZC-TR
Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage16-SOIC (0.154", 3.90mm Width)SeriesPrecision Edge?TypeClock GeneratorPLLNoInputECL, PECLOutputClockNumber of Circuits1Ratio - Input:Output1:3Differential - Input:OutputYes/YesFrequency - Max-Divider/MultiplierYes/NoVoltage - Supply4.2 V ~ 5.5 VOperating Temperature0°C ~ 85°C	Manufacturer	Microchip Technology
Package16-SOIC (0.154", 3.90mm Width)SeriesPrecision Edge?TypeClock GeneratorPLLNoInputECL, PECLOutputClockNumber of Circuits11Scienting SerientDifferential - Input:OutputYes/YesFrequency - Max-Divider/MultiplierYes/NoVoltage - Supply4.2 V ~ 5.5 VOperating Temperature0°C ~ 85°C	Category	Integrated Circuits (ICs)
SeriesPrecision Edge?TypeClock GeneratorPLLNoInputECL, PECLOutputClockNumber of Circuits1Ratio - Input:Output1:3Differential - Input:OutputYes/YesFrequency - Max-Divider/MultiplierYes/NoYoltage - Supply0°C ~ 85°C		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers
Type Clock Generator PLL No Input ECL, PECL Output Clock Number of Circuits 1 Ratio - Input:Output 1:3 Differential - Input:Output Yes/Yes Frequency - Max - Divider/Multiplier Yes/No Voltage - Supply 4.2 V ~ 5.5 V Operating Temperature 0°C ~ 85°C	Package	16-SOIC (0.154", 3.90mm Width)
PLLNoInputECL, PECLOutputClockNumber of Circuits1Ratio - Input:Output1:3Differential - Input:OutputYes/YesFrequency - Max-Divider/MultiplierYes/NoVoltage - Supply4.2 V ~ 5.5 VOperating Temperature0°C ~ 85°C	Series	Precision Edge?
InputECL, PECLOutputClockNumber of Circuits1Ratio - Input:Output1:3Differential - Input:OutputYes/YesFrequency - Max-Divider/MultiplierYes/NoVoltage - Supply4.2 V ~ 5.5 VOperating Temperature0°C ~ 85°C	Туре	Clock Generator
OutputClockNumber of Circuits1Ratio - Input:Output1:3Differential - Input:OutputYes/YesFrequency - Max-Divider/MultiplierYes/NoVoltage - Supply4.2 V ~ 5.5 VOperating Temperature0°C ~ 85°C	PLL	No
Number of Circuits1Number of Circuits1:3Ratio - Input:OutputYes/YesDifferential - Input:OutputYes/YesFrequency - Max-Divider/MultiplierYes/NoVoltage - Supply4.2 V ~ 5.5 VOperating Temperature0°C ~ 85°C	Input	ECL, PECL
Ratio - Input:Output1:3Differential - Input:OutputYes/YesFrequency - Max-Divider/MultiplierYes/NoVoltage - Supply4.2 V ~ 5.5 VOperating Temperature0°C ~ 85°C	Output	Clock
Differential - Input:OutputYes/YesFrequency - Max-Divider/MultiplierYes/NoVoltage - Supply4.2 V ~ 5.5 VOperating Temperature0°C ~ 85°C	Number of Circuits	1
Frequency - Max-Divider/MultiplierYes/NoVoltage - Supply4.2 V ~ 5.5 VOperating Temperature0°C ~ 85°C	Ratio - Input:Output	1:3
Divider/MultiplierYes/NoVoltage - Supply4.2 V ~ 5.5 VOperating Temperature0°C ~ 85°C	Differential - Input:Output	Yes/Yes
Voltage - Supply $4.2 V \sim 5.5 V$ Operating Temperature $0^{\circ}C \sim 85^{\circ}C$	Frequency - Max	-
Operating Temperature $0^{\circ}C \sim 85^{\circ}C$	Divider/Multiplier	Yes/No
	Voltage - Supply	4.2 V ~ 5.5 V
Mounting Type Surface Mount	Operating Temperature	0°C ~ 85°C
	Mounting Type	Surface Mount
Package / Case 16-SOIC (0.154", 3.90mm Width)	Package / Case	16-SOIC (0.154", 3.90mm Width)
Supplier Device Package 16-SOIC	Supplier Device Package	16-SOIC
Report errors?		Report error

SY100S834ZC-TR 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

Service Guarantees

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

SY100S834ZC-TR Payment Methods



SY100S834ZC-TR Shipping Methods



If you have any question about SY100S834ZC-TR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com