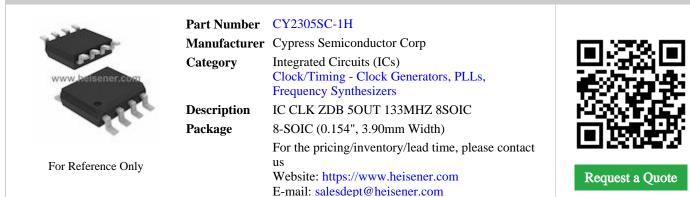


CY2305SC-1H

CY2305SC-1H 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.



CY2305SC-1H Specifications

Manufacturer Part Number CY2305SC-1H Manufacturer Cypress Semiconductor Corp Category Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers Package 8-SOIC (0.154", 3.90mm Width) Series - Type Fanout Buffer (Distribution), Zero Delay Buffer PLL Yes Input Clock Output Clock Number of Circuits 1 Ratio - Input:Output I.5 Differential - Input:Output No/No Frequency - Max 13.33MHz Oltage - Supply Surface Mount Mounting Type Surface Mount Package / Case SurG (0.154", 3.90mm Width)		
CategoryIntegrated Circuits (ICs)Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage8-SOIC (0.154", 3.90mm Width)Series-TypeFanout Buffer (Distribution), Zero Delay BufferPLLYesInputClockOutputClockNumber of Circuits1Ratio - Input:OutputIoDifferential - Input:OutputNo/NoFrequency - Max13.33MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	CY2305SC-1H
Initial Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage8-SOIC (0.154", 3.90mm Width)Series-TypeFanout Buffer (Distribution), Zero Delay BufferPLLYesInputClockOutputClockNumber of Circuits1Ratio - Input:OutputISDifferential - Input:OutputNo/NoFrequency - Max133.33MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSaSOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC (0.154", 3.90mm Width)	Manufacturer	Cypress Semiconductor Corp
Package8-SOIC (0.154", 3.90mm Width)Series-TypeFanout Buffer (Distribution), Zero Delay BufferPLLYesInputClockOutputClockNumber of Circuits1Ratio - Input:Output1.5Differential - Input:OutputNo/NoFrequency - Max13.33MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSelOC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Category	Integrated Circuits (ICs)
Series-TypeFanou Buffer (Distribution), Zero Delay BufferPLLYesInputClockOutputClockNumber of Circuits1Ratio - Input:Output1.5Differential - Input:OutputNo/NoFrequency - Max13.33MHzDivider/MultiplierNo/NoVoltage - Supply3V ~ 3.6 VQuenting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers
TypeFanout Buffer (Distribution), Zero Delay BufferPLLYesInputClockOutputClockNumber of Circuits1Ratio - Input:Output1.5Differential - Input:OutputNo/NoFrequency - Max13.3.3MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Package	8-SOIC (0.154", 3.90mm Width)
PLLYesPLLYesInputClockOutputClockNumber of Circuits1Ratio - Input:Output1:5Differential - Input:OutputNo/NoFrequency - Max133.33MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Series	-
InputClockOutputClockNumber of Circuits1Ratio - Input:Output1.5Differential - Input:OutputNo/NoFrequency - Max133.33MHzDivider/MultiplierNo/NoVoltage - Supply3V ~ 3.6 VOperating TemperatureO°C ~ 70°CMounting TypeSaSOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Туре	Fanout Buffer (Distribution), Zero Delay Buffer
Autor Clock Number of Circuits 1 Ratio - Input:Output 1:5 Differential - Input:Output No/No Frequency - Max 133.33MHz Divider/Multiplier No/No Voltage - Supply 3 V ~ 3.6 V Operating Temperature O°C ~ 70°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	PLL	Yes
Number of Circuits1Ratio - Input:Output1:5Differential - Input:OutputNo/NoFrequency - Max133.33MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Input	Clock
Ratio - Input:Output1:5Differential - Input:OutputNo/NoFrequency - Max133.33MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Output	Clock
Differential - Input:OutputNo/NoFrequency - Max133.33MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Number of Circuits	1
Frequency - Max133.33MHzDivider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Ratio - Input:Output	1:5
Divider/MultiplierNo/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Differential - Input:Output	No/No
Voltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Frequency - Max	133.33MHz
Operating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Divider/Multiplier	No/No
Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Voltage - Supply	3 V ~ 3.6 V
Package / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Operating Temperature	0° C ~ 70° C
Supplier Device Package 8-SOIC	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	8-SOIC
		Report errors

CY2305SC-1H 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.

CY2305SC-1H Payment Methods



CY2305SC-1H Shipping Methods



If you have any question about CY2305SC-1H, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com