

CY23S08SXC-2H

CY23S08SXC-2H 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.



CY23S08SXC-2H Specifications

ManufacturerCypress Semiconductor CorpCategoryIntegrated Circuits (ICs)Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage16-SOIC (0.154", 3.90mm Width)Series-TypeFanout Buffer (Distribution), Zero Delay BufferPLLYes with BypassInputLVCMOS, LVTTLOutputLVCMOSNumber of Circuits1Ratio - Input:Output1:8Differential - Input:OutputNo/NoFrequency - Max140MHzDivider/MultiplierYes/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeIn-SOIC (0.154", 3.90mm Width)		
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage16-SOIC (0.154", 3.90mm Width)Series-TypeFanout Buffer (Distribution), Zero Delay BufferPLLYes with BypassInputLVCMOS, LVTTLOutputLVCMOSNumber of Circuits1Ratio - Input:Output1:8Differential - Input:OutputNo/NoFrequency - Max140MHzDivider/MultiplierYes/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	CY23S08SXC-2H
Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage16-SOIC (0.154", 3.90mm Width)Series-TypeFanout Buffer (Distribution), Zero Delay BufferPLLYes with BypassInputLVCMOS, LVTTLOutputLVCMOSNumber of Circuits1Ratio - Input:OutputNo/NoPfequency - Max140MHzDivider/MultiplierYes/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting Type16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Manufacturer	Cypress Semiconductor Corp
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Series-TypeFanout Buffer (Distribution), Zero Delay BufferPLLYes with BypassInputLVCMOS, LVTTLOutputLVCMOS, LVTTLOutputLVCMOSNumber of Circuits1Ratio - Input:Output1:8Differential - Input:OutputNo/NoFrequency - Max140MHzDivider/MultiplierYes/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers
TypeFanout Buffer (Distribution), Zero Delay BufferTypeFanout Buffer (Distribution), Zero Delay BufferPLLYes with BypassInputLVCMOS, LVTTLOutputLVCMOSNumber of Circuits1Ratio - Input:Output1:8Differential - Input:OutputNo/NoFrequency - Max140MHzDivider/MultiplierYes/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)	Package	16-SOIC (0.154", 3.90mm Width)
PLLYes with BypassInputLVCMOS, LVTTLOutputLVCMOSNumber of Circuits1Ratio - Input:Output1.8Differential - Input:OutputNo/NoFrequency - Max140MHzDivider/MultiplierYes/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)	Series	-
InputLVCMOS, LVTTLOutputLVCMOSNumber of Circuits1Ratio - Input:Output1.8Differential - Input:OutputNo/NoFrequency - Max140MHzDivider/MultiplierYes/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Туре	Fanout Buffer (Distribution), Zero Delay Buffer
OutputLVCMOSNumber of Circuits1Ratio - Input:Output1:8Differential - Input:OutputNo/NoFrequency - Max140MHzDivider/MultiplierYes/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	PLL	Yes with Bypass
Number of Circuits1Ratio - Input:Output1:8Differential - Input:OutputNo/NoFrequency - Max140MHzDivider/MultiplierYes/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Input	LVCMOS, LVTTL
Ratio - Input:Output1:8Differential - Input:OutputNo/NoFrequency - Max140MHzDivider/MultiplierYes/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Output	LVCMOS
Differential - Input:OutputNo/NoFrequency - Max140MHzDivider/MultiplierYes/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Number of Circuits	1
Frequency - Max140MHzDivider/MultiplierYes/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Ratio - Input:Output	1:8
Divider/MultiplierYes/NoVoltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Differential - Input:Output	No/No
Voltage - Supply3 V ~ 3.6 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Frequency - Max	140MHz
Operating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Divider/Multiplier	Yes/No
Mounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Voltage - Supply	3 V ~ 3.6 V
Package / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Operating Temperature	0° C ~ 70° C
Supplier Device Package 16-SOIC	Mounting Type	Surface Mount
	Package / Case	16-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	16-SOIC
		Report errors?

CY23S08SXC-2H 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 ELARANTEE

Service Guarantees

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

CY23S08SXC-2H Payment Methods





If you have any question about CY23S08SXC-2H, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com