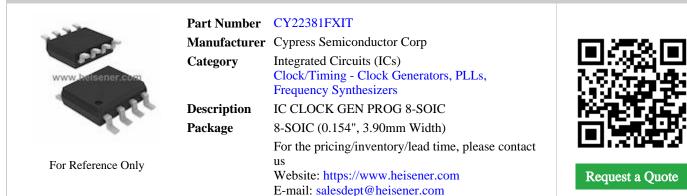


## **CY22381FXIT**

#### **CY22381FXIT 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.



#### **CY22381FXIT Specifications**

Series-TypeClock Generator, Fanout DistributionPLLYes with BypassInputLVTTL, CrystalOutputCMOSNumber of Circuits1Ratio - Input:Output1.3Differential - Input:OutputNo/NoFrequency - Max166MHzVoltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8.SOIC (0.154", 3.90mm Width)		
CategoryIntegrated Circuits (ICs)Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage8-SOIC (0.154", 3.90mm Width)Series-TypeClock Generator, Fanout DistributionPLLYes with BypassInputLVTTL, CrystalOutputCMOSNumber of Circuits1Ratio - Input:OutputNo/NoPifferential - Input:OutputNo/NoFrequency - Max166MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	CY22381FXIT
Clock/Timing - Clock Generators, PLLs, Frequency SynthesizersPackage8-SOIC (0.154", 3.90mm Width)Series-TypeClock Generator, Fanout DistributionPLLYes with BypassInputLVTTL, CrystalOutputCMOSNumber of Circuits1Ratio - Input:OutputNo/NoDifferential - Input:Output166MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOutputSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Manufacturer	Cypress Semiconductor Corp
Package8-SOIC (0.154", 3.90mm Width)Series-TypeClock Generator, Fanout DistributionPLLYes with BypassInputLVTTL, CrystalOutputCMOSNumber of Circuits1Ratio - Input:Output1:3Differential - Input:OutputNo/NoFrequency - Max166MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Category	Integrated Circuits (ICs)
Series-TypeClock Generator, Fanout DistributionPLLYes with BypassInputLVTTL, CrystalOutputCMOSNumber of Circuits1Ratio - Input:Output1.3Differential - Input:OutputNo/NoFrequency - Max166MHzVoltage - Supply3.135 V ~ 3.465 VOperating Temperature40°C ~ 85°CMounting TypeSufface MountPackage / Case8.SOIC (0.154", 3.90mm Width)Supplier Device Package8.SOIC		Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers
TypeClock Generator, Fanout DistributionPLLYes with BypassInputLVTTL, CrystalOutputCMOSNumber of Circuits1Ratio - Input:Output1.3Differential - Input:OutputNo/NoFrequency - Max166MHzDivider/MultiplierSa.35 V ~ 3.465 VOutput40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Package	8-SOIC (0.154", 3.90mm Width)
PLLYes with BypassInputLVTTL, CrystalOutputCMOSNumber of Circuits1Ratio - Input:Output1:3Differential - Input:OutputNo/NoFrequency - Max166MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Series	-
InputLVTL, CrystalOutputCMOSNumber of Circuits1Ratio - Input:Output1.3Differential - Input:OutputNo/NoFrequency - Max166MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Туре	Clock Generator, Fanout Distribution
OutputCMOSNumber of Circuits1Ratio - Input:Output1:3Differential - Input:OutputNo/NoFrequency - Max166MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	PLL	Yes with Bypass
Number of Circuits1Ratio - Input:Output1:3Differential - Input:OutputNo/NoFrequency - Max166MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Input	LVTTL, Crystal
Ratio - Input:Output1:3Differential - Input:OutputNo/NoFrequency - Max166MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Output	CMOS
Differential - Input:OutputNo/NoFrequency - Max166MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Number of Circuits	1
Frequency - Max166MHzDivider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Ratio - Input:Output	1:3
Divider/MultiplierYes/NoVoltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Differential - Input:Output	No/No
Voltage - Supply3.135 V ~ 3.465 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Frequency - Max	166MHz
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Divider/Multiplier	Yes/No
Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Voltage - Supply	3.135 V ~ 3.465 V
Package / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$
Supplier Device Package 8-SOIC	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width)
	Supplier Device Package	8-SOIC
Report errors?		Report errors

#### **CY22381FXIT 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.

#### **CY22381FXIT Payment Methods**



### **CY22381FXIT Shipping Methods**



If you have any question about CY22381FXIT, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com