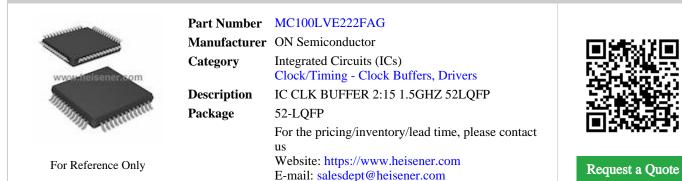


# MC100LVE222FAG

### MC100LVE222FAG 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.



# MC100LVE222FAG Specifications

ManufacturerON SemiconductorCategoryIntegrated Circuits (ICs)Clock/Timing - Clock Buffers, DriversPackage52-LQFPSeries100LVETypeFanout Buffer (Distribution), Divider, MultiplexerNumber of Circuits1Ratio - Input:Output2:15Differential - Input:OutputYes/YesInputLVECL, LVPECLOutputECLFrequency - Max1.5GHzVoltage - Supply3 V ~ 5.25 VOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case52-LQFP		
CategoryIntegrated Circuits (ICs)Clock/Timing - Clock Buffers, DriversPackage52-LQFPSeries100LVETypeFanout Buffer (Distribution), Divider, MultiplexerNumber of Circuits1Ratio - Input:Output2:15Differential - Input:OutputYes/YesOutputECLFrequency - Max1.5GHzVoltage - Supply3 V ~ 5.25 VOperating TemperatureSurface MountPackage / Case52-LQFP (10x10)	Manufacturer Part Number	MC100LVE222FAG
Clock/Timing - Clock Buffers, DriversPackage52-LQFPSeries100LVETypeFanout Buffer (Distribution), Divider, MultiplexerNumber of Circuits1Ratio - Input:Output2:15Differential - Input:OutputYes/YesOutputECLStrequency - Max1.5GHzVoltage - Supply3 V ~ 5.25 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case52-LQFP (10x10)	Manufacturer	ON Semiconductor
Package52-LQFPSeries100LVETypeFanout Buffer (Distribution), Divider, MultiplexerNumber of Circuits1Ratio - Input:Output2:15Differential - Input:OutputYes/YesInputLVECL, LVPECLOutputECLFrequency - Max1.5GHzVoltage - Supply3 V ~ 5.25 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case52-LQFP (10x10)	Category	Integrated Circuits (ICs)
Series100LVETypeFanout Buffer (Distribution), Divider, MultiplexerNumber of Circuits1Ratio - Input:Output2:15Differential - Input:OutputYes/YesInputLVECL, LVPECLOutputECLStrequency - Max1.5GHzVoltage - Supply3 V ~ 5.25 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case52-LQFP (10x10)		Clock/Timing - Clock Buffers, Drivers
TypeFanout Buffer (Distribution), Divider, MultiplexerNumber of Circuits1Ratio - Input:Output2:15Differential - Input:OutputYes/YesInputLVECL, LVPECLOutputECLFrequency - Max1.5GHzVoltage - Supply3 V ~ 5.25 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case52-LQFP (10x10)	Package	52-LQFP
Number of Circuits1Ratio - Input:Output2:15Differential - Input:OutputYes/YesInputLVECL, LVPECLOutputECLFrequency - Max1.5GHzVoltage - Supply3 V ~ 5.25 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case52-LQFP (10x10)	Series	100LVE
Ratio - Input:Output2:15Differential - Input:OutputYes/YesInputLVECL, LVPECLOutputECLFrequency - Max1.5GHzVoltage - Supply3 V ~ 5.25 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case52-LQFPSupplier Device Package52-LQFP (10x10)	Туре	Fanout Buffer (Distribution), Divider, Multiplexer
Differential - Input:OutputYes/YesInputLVECL, LVPECLOutputECLFrequency - Max1.5GHzVoltage - Supply3 V ~ 5.25 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case52-LQFPSupplier Device Package52-LQFP (10x10)	Number of Circuits	1
InputLVECL, LVPECLOutputECLFrequency - Max1.5GHzVoltage - Supply3 V ~ 5.25 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case52-LQFPSupplier Device Package52-LQFP (10x10)	Ratio - Input:Output	2:15
OutputECLFrequency - Max1.5GHzVoltage - Supply3 V ~ 5.25 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case52-LQFPSupplier Device Package52-LQFP (10x10)	Differential - Input:Output	Yes/Yes
Frequency - Max1.5GHzVoltage - Supply3 V ~ 5.25 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case52-LQFPSupplier Device Package52-LQFP (10x10)	Input	LVECL, LVPECL
Voltage - Supply3 V ~ 5.25 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case52-LQFPSupplier Device Package52-LQFP (10x10)	Output	ECL
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case52-LQFPSupplier Device Package52-LQFP (10x10)	Frequency - Max	1.5GHz
Mounting TypeSurface MountPackage / Case52-LQFPSupplier Device Package52-LQFP (10x10)	Voltage - Supply	3 V ~ 5.25 V
Package / Case 52-LQFP   Supplier Device Package 52-LQFP (10x10)	Operating Temperature	-40°C ~ 85°C
Supplier Device Package52-LQFP (10x10)	Mounting Type	Surface Mount
	Package / Case	52-LQFP
Report errors?	Supplier Device Package	52-LQFP (10x10)
		Report errors?

#### MC100LVE222FAG 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 Guarantees**

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

#### MC100LVE222FAG Payment Methods



## MC100LVE222FAG Shipping Methods



If you have any question about MC100LVE222FAG, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com