

# MC100LVE222FAR2G

### MC100LVE222FAR2G Information

www.helsener.com	Part Number	MC100LVE222FAR2G	
	Manufacturer	ON Semiconductor	in Nor
	Category	Integrated Circuits (ICs) Clock/Timing - Clock Buffers, Drivers	
	Description	IC CLK BUFFER 2:15 1.5GHZ 52LQFP	- 97, E
	Package	52-LQFP	一市総
		For the pricing/inventory/lead time, please contact	E14.36
For Reference Only		us	
		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a

## **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.



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## MC100LVE222FAR2G Specifications

Manufacturer Part NumberMC100LVE222FAR2GManufacturerON SemiconductorCategoryIntegrated Circuits (ICS)Clock/Timing - Clock Buffers, DriversPackage52-LQFPSeries100LVETypeFanout Buffer (Distribution), Divider, MultiplexerNumber of Circuits1Ratio - Input:Output2:15Differential - Input:OutputVerCL, LVPECLOutputECLFrequency - Max1.5GHzVoltage - Supply3 V ~ 5.25 VOperating Temperature4:0°C ~ 85°CMounting TypeSurface MountPackage / Case52-LQFP (10x10)Surplier Device Package52-LQFP (10x10)		
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 Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case52-LQFP (10x10)	Manufacturer Part Number	MC100LVE222FAR2G
Clock/Timing - Clock Buffers, DriversPackage52-LQFPSeries100LVETypeFanout Buffer (Distribution), Divider, MultiplexerNumber of Circuits1Ratio - Input:Output2:15Differential - Input:OutputYes/YesOutputECLPrequency - 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/YesOutputECLOutput5.GHzVoltage - 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, LVPECLOutputECLSrequency - 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 Temperature40°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-LQFPSupplier Device Package52-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 / Case52-LQFPSupplier Device Package52-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?

#### MC100LVE222FAR2G 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.

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#### MC100LVE222FAR2G Payment Methods



## MC100LVE222FAR2G Shipping Methods



If you have any question about MC100LVE222FAR2G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com