

# MC100ES6222TB

#### MC100ES6222TB Information

Heisener.com	Part Number Manufacturer Category Description Package	MC100ES6222TB NXP Integrated Circuits (ICs) Clock/Timing - Clock Buffers, Drivers IC CLK BUFFER 2:15 3GHZ 52LQFP 52-LQFP Exposed Pad For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

## **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.



### MC100ES6222TB Specifications

ManufacturerNXPCategoryIntegrated Circuits (ICs)Clock/Timing - Clock Buffers, DriversPackage52-LQFP Exposed PadSeries100ESTypeFanout Buffer (Distribution), Divider, MultiplexerNumber of Circuits1Ratio - Input:Output2:15Differential - Input:OutputECL, PECLOutputECL, PECLVoltage - Supply3:0HzVoltage - Supply-40°C ~ 110°CMounting TypeSurface MountPackage / Case52-LQFP Exposed PadSupplier Device Package52-LQFP (Inx10)		
CategoryIntegrated Circuits (ICs) Clock/Timing - Clock Buffers, DriversPackage52-LQFP Exposed PadPackage100ESSeries100ESTypeFanout Buffer (Distribution), Divider, MultiplexerNumber of Circuits1Ratio - Input:Output2:15Differential - Input:OutputYes/YesOutputECL, PECLPrequency - Max3GHzVoltage - Supply2:375 V ~ 3.465 VOperating TemperatureAu%C ~ 110°CMounting TypeSurface MountPackage / Case52-LQFP Exposed PadSupplier Device Package52-LQFP (10x10)	Manufacturer Part Number	MC100ES6222TB
Indext and the second	Manufacturer	NXP
Package52-LQFP Exposed PadSeries100ESTypeFanout Buffer (Distribution), Divider, MultiplexerNumber of Circuits1Ratio - Input:Output2:15Differential - Input:OutputYes/YesInputECL, PECLOutputECL, PECLStrequency - Max3GHzVoltage - Supply2.375 V ~ 3.465 VOperating Temperature40°C ~ 110°CMounting TypeSurface MountPackage / Case52-LQFP Exposed PadSupplier Device Package52-LQFP (10x10)	Category	Integrated Circuits (ICs)
Series100ESTypeFanout Buffer (Distribution), Divider, MultiplexerNumber of Circuits1Ratio - Input:Output2:15Differential - Input:OutputYes/YesInputECL, PECLOutputECL, PECLStrequency - Max3GHzVoltage - Supply2:375 V ~ 3.465 VOperating Temperature-40°C ~ 110°CMounting TypeSurface MountPackage / Case52-LQFP Exposed PadSupplier Device Package52-LQFP (10x10)		Clock/Timing - Clock Buffers, Drivers
TypeFanout Buffer (Distribution), Divider, MultiplexerNumber of Circuits1Ratio - Input: Output2:15Differential - Input: OutputYes/YesInputECL, PECLOutputECL, PECLFrequency - Max3GHzVoltage - Supply2.375 V ~ 3.465 VOperating TemperatureAuro'c ~ 110°CMounting TypeSurface MountPackage / Case52-LQFP Exposed PadSupplier Device Package52-LQFP (10x10)	Package	52-LQFP Exposed Pad
Number of Circuits1Ratio - Input:Output2:15Differential - Input:OutputYes/YesInputECL, PECLOutputECL, PECLOutput3GHzVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 110°CMounting TypeSurface MountPackage / Case52-LQFP Exposed PadSupplier Device Package52-LQFP (10x10)	Series	100ES
Ratio - Input:Output2:15Differential - Input:OutputYes/YesInputECL, PECLOutputECL, PECLFrequency - Max3GHzVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 110°CMounting TypeSurface MountPackage / Case52-LQFP Exposed PadSupplier Device Package52-LQFP (10x10)	Туре	Fanout Buffer (Distribution), Divider, Multiplexer
Differential - Input:OutputYes/YesInputECL, PECLOutputECL, PECLFrequency - Max3GHzVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 110°CMounting TypeSurface MountPackage / Case52-LQFP Exposed PadSupplier Device Package52-LQFP (10x10)	Number of Circuits	1
InputECL, PECLOutputECL, PECLFrequency - Max3GHzVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 110°CMounting TypeSurface MountPackage / Case52-LQFP Exposed PadSupplier Device Package52-LQFP (10x10)	Ratio - Input:Output	2:15
OutputECL, PECLFrequency - Max3GHzVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 110°CMounting TypeSurface MountPackage / Case52-LQFP Exposed PadSupplier Device Package52-LQFP (10x10)	Differential - Input:Output	Yes/Yes
Frequency - Max3GHzVoltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 110°CMounting TypeSurface MountPackage / Case52-LQFP Exposed PadSupplier Device Package52-LQFP (10x10)	Input	ECL, PECL
Voltage - Supply2.375 V ~ 3.465 VOperating Temperature-40°C ~ 110°CMounting TypeSurface MountPackage / Case52-LQFP Exposed PadSupplier Device Package52-LQFP (10x10)	Output	ECL, PECL
Operating Temperature-40°C ~ 110°CMounting TypeSurface MountPackage / Case52-LQFP Exposed PadSupplier Device Package52-LQFP (10x10)	Frequency - Max	3GHz
Mounting TypeSurface MountPackage / Case52-LQFP Exposed PadSupplier Device Package52-LQFP (10x10)	Voltage - Supply	2.375 V ~ 3.465 V
Package / Case52-LQFP Exposed PadSupplier Device Package52-LQFP (10x10)	Operating Temperature	-40°C ~ 110°C
Supplier Device Package52-LQFP (10x10)	Mounting Type	Surface Mount
	Package / Case	52-LQFP Exposed Pad
Report errors?	Supplier Device Package	52-LQFP (10x10)
Report errors.		Report errors?

#### MC100ES6222TB 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.

#### MC100ES6222TB Payment Methods





If you have any question about MC100ES6222TB, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com