

**SY100EP140LZC Information**


For Reference Only

**Part Number** [SY100EP140LZC](#)  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
 Clock/Timing - Clock Generators, PLLs,  
 Frequency Synthesizers  
**Description** IC FREQUENCY DETECTOR 3.3V 8SOIC  
**Package** 8-SOIC (0.154", 3.90mm Width)  
 For the pricing/inventory/lead time, please contact  
 us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**SY100EP140LZC Specifications**

Manufacturer Part Number	<a href="#">SY100EP140LZC</a>
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) <a href="#">Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers</a>
Package	8-SOIC (0.154", 3.90mm Width)
Series	100EL, Precision Edge?, ECL Pro?
Type	Phase Frequency Detector
PLL	No
Input	LVECL, LVPECL
Output	LVECL, LVPECL
Number of Circuits	1
Ratio - Input:Output	1:2
Differential - Input:Output	Yes/Yes
Frequency - Max	2GHz
Divider/Multiplier	No/No
Voltage - Supply	3 V ~ 3.6 V
Operating Temperature	-40°C ~ 85°C
Mounting Type	Surface Mount
Package / Case	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package	8-SOIC

[Report errors?](#)

## SY100EP140LZC 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.

## SY100EP140LZC Payment Methods



## SY100EP140LZC Shipping Methods



If you have any question about SY100EP140LZC, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)