

**SY89537LMH Information**


For Reference Only

**Part Number** SY89537LMH  
**Manufacturer** Microchip Technology  
**Category** Integrated Circuits (ICs)  
 Clock/Timing - Clock Generators, PLLs,  
 Frequency Synthesizers  
**Description** IC SYNTHESIZR LVPECL/LVDS 44-MLF  
**Package** 44-VFQFN Exposed Pad, 44-MLF?  
 For the pricing/inventory/lead time, please contact  
 us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


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**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.


**SY89537LMH Specifications**

Manufacturer Part Number	SY89537LMH
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers
Package	44-VFQFN Exposed Pad, 44-MLF?
Series	Precision Edge?
Type	Clock/Frequency Synthesizer
PLL	Yes
Input	CMOS, HSTL, LVDS, LVPECL, LVTTTL, SSTL, Crystal
Output	LVDS, LVPECL
Number of Circuits	1
Ratio - Input:Output	3:7
Differential - Input:Output	Yes/Yes
Frequency - Max	756MHz
Divider/Multiplier	Yes/No
Voltage - Supply	2.375 V ~ 3.6 V
Operating Temperature	-40°C ~ 85°C
Mounting Type	Surface Mount
Package / Case	44-VFQFN Exposed Pad, 44-MLF?
Supplier Device Package	44-MLF? (7x7)

[Report errors?](#)

## SY89537LMH 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.

## SY89537LMH Payment Methods



## SY89537LMH Shipping Methods



If you have any question about SY89537LMH, please do not hesitate to contact us!

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

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