

**844008AYI-01LF Information**


For Reference Only

**Part Number** [844008AYI-01LF](#)  
**Manufacturer** IDT, Integrated Device Technology Inc  
**Category** Integrated Circuits (ICs)  
 Clock/Timing - Clock Generators, PLLs,  
 Frequency Synthesizers  
**Description** IC SYNTHESIZER 8LVDS 32TQFP  
**Package** 32-TQFP Exposed Pad  
 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.


**844008AYI-01LF Specifications**

Manufacturer Part Number	<a href="#">844008AYI-01LF</a>
Manufacturer	IDT, Integrated Device Technology Inc
Category	Integrated Circuits (ICs) <a href="#">Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers</a>
Package	32-TQFP Exposed Pad
Series	FemtoClock?
Type	Clock/Frequency Synthesizer, Fanout Distribution
PLL	Yes with Bypass
Input	Crystal
Output	LVDS
Number of Circuits	1
Ratio - Input:Output	1:8
Differential - Input:Output	No/Yes
Frequency - Max	156.25MHz
Divider/Multiplier	Yes/No
Voltage - Supply	3.135 V ~ 3.465 V
Operating Temperature	-40°C ~ 85°C
Mounting Type	Surface Mount
Package / Case	32-TQFP Exposed Pad
Supplier Device Package	32-PTQFP-EP (7x7)

[Report errors?](#)

## 844008AYI-01LF 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.

## 844008AYI-01LF Payment Methods



## 844008AYI-01LF Shipping Methods



If you have any question about 844008AYI-01LF, please do not hesitate to contact us!

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