

**843002AK-41LF Information**


For Reference Only

**Part Number** 843002AK-41LF  
**Manufacturer** IDT, Integrated Device Technology Inc  
**Category** Integrated Circuits (ICs)  
 Clock/Timing - Clock Generators, PLLs,  
 Frequency Synthesizers  
**Description** IC SYNTHESIZER LVPECL 32-VFQFPN  
**Package** 32-VFQFN 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)


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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.


**843002AK-41LF Specifications**

Manufacturer Part Number	843002AK-41LF
Manufacturer	IDT, Integrated Device Technology Inc
Category	Integrated Circuits (ICs) Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers
Package	32-VFQFN Exposed Pad
Series	FemtoClock?
Type	Clock Generator, Clock Synchronizer, Frequency Translator, Jitter Attenuator, Multiplexer
PLL	Yes with Bypass
Input	HCSL, LVCMOS, LVDS, LVHSTL, LVPECL, LVTTTL, SSTL
Output	LVPECL
Number of Circuits	1
Ratio - Input:Output	3:2
Differential - Input:Output	Yes/Yes
Frequency - Max	175MHz
Divider/Multiplier	Yes/Yes
Voltage - Supply	3.135 V ~ 3.465 V
Operating Temperature	0°C ~ 70°C
Mounting Type	Surface Mount
Package / Case	32-VFQFN Exposed Pad
Supplier Device Package	32-VFQFPN (5x5)

[Report errors?](#)

## 843002AK-41LF 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.

## 843002AK-41LF Payment Methods



## 843002AK-41LF Shipping Methods



If you have any question about 843002AK-41LF, please do not hesitate to contact us!

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

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