

**LT685CN Information**


For Reference Only

**Part Number** [LT685CN](#)  
**Manufacturer** Linear Technology  
**Category** Integrated Circuits (ICs)  
[Linear - Comparators](#)  
**Description** IC COMP HI-SPD ECL OUTPUT 16-DIP  
**Package** 16-DIP (0.300", 7.62mm)  
 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.


**LT685CN Specifications**

Manufacturer Part Number	<a href="#">LT685CN</a>
Manufacturer	Linear Technology
Category	Integrated Circuits (ICs) <a href="#">Linear - Comparators</a>
Package	16-DIP (0.300", 7.62mm)
Series	-
Type	with Latch
Number of Elements	1
Output Type	Complementary, ECL
Voltage - Supply, Single/Dual ( $\pm$ )	-
Voltage - Input Offset (Max)	2mV @ -5.2V, 6V
Current - Input Bias (Max)	10 $\mu$ A @ -5.2V, 6V
Current - Output (Typ)	30mA
Current - Quiescent (Max)	22mA
CMRR, PSRR (Typ)	80dB CMRR
Propagation Delay (Max)	6.5ns
Hysteresis	-
Operating Temperature	-30°C ~ 85°C
Package / Case	16-DIP (0.300", 7.62mm)
Mounting Type	Through Hole
Supplier Device Package	16-PDIP

[Report errors?](#)

## LT685CN 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.

## LT685CN Payment Methods



## LT685CN Shipping Methods



If you have any question about LT685CN, please do not hesitate to contact us!

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