

**TSM933ESA+ Information**


For Reference Only

**Part Number** [TSM933ESA+](#)  
**Manufacturer** Silicon Labs  
**Category** Integrated Circuits (ICs)  
[Linear - Comparators](#)  
**Description** IC COMPARATOR DUAL 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.


**TSM933ESA+ Specifications**

Manufacturer Part Number	<a href="#">TSM933ESA+</a>
Manufacturer	Silicon Labs
Category	Integrated Circuits (ICs) <a href="#">Linear - Comparators</a>
Package	8-SOIC (0.154", 3.90mm Width)
Series	TSM93x
Type	with Voltage Reference
Number of Elements	2
Output Type	CMOS, Push-Pull, TTL
Voltage - Supply, Single/Dual ( $\pm$ )	2.5 V ~ 11 V, $\pm$ 1.25 V ~ 5.5 V
Voltage - Input Offset (Max)	10mV @ 2.5V
Current - Input Bias (Max)	-
Current - Output (Typ)	40mA
Current - Quiescent (Max)	4.5 $\mu$ A
CMRR, PSRR (Typ)	80dB CMRR, 80dB PSRR
Propagation Delay (Max)	12 $\mu$ s
Hysteresis	50mV
Operating Temperature	0°C ~ 70°C
Package / Case	8-SOIC (0.154", 3.90mm Width)
Mounting Type	Surface Mount
Supplier Device Package	8-SOIC

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## TSM933ESA+ 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.

## TSM933ESA+ Payment Methods



## TSM933ESA+ Shipping Methods



If you have any question about TSM933ESA+, please do not hesitate to contact us!

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

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