

**ISL55142IVZ Information**


For Reference Only

**Part Number** [ISL55142IVZ](#)  
**Manufacturer** Intersil  
**Category** Integrated Circuits (ICs)  
[Linear - Comparators](#)  
**Description** IC COMP CMOS HS 18V 20-TSSOP  
**Package** 20-TSSOP (0.173", 4.40mm 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.


**ISL55142IVZ Specifications**

|   |   |
|---|---|
| Manufacturer Part Number                | <a href="#">ISL55142IVZ</a>                                       |
| Manufacturer                            | Intersil  |
| Category                                | Integrated Circuits (ICs)<br><a href="#">Linear - Comparators</a> |
| Package                                 | 20-TSSOP (0.173", 4.40mm Width)                                   |
| Series                                  | -   |
| Type                                    | Window  |
| Number of Elements                      | 2   |
| Output Type                             | -   |
| Voltage - Supply, Single/Dual ( $\pm$ ) | 10 V ~ 18 V   |
| Voltage - Input Offset (Max)            | 50mV @ -3V, 12V   |
| Current - Input Bias (Max)              | 0.025 $\mu$ A @ -3V, 12V  |
| Current - Output (Typ)                  | -   |
| Current - Quiescent (Max)               | 12.5mA  |
| CMRR, PSRR (Typ)                        | -   |
| Propagation Delay (Max)                 | 15ns  |
| Hysteresis                              | -   |
| Operating Temperature                   | -40°C ~ 85°C  |
| Package / Case                          | 20-TSSOP (0.173", 4.40mm Width)                                   |
| Mounting Type                           | Surface Mount   |
| Supplier Device Package                 | 20-TSSOP  |

[Report errors?](#)

## ISL55142IVZ 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.

## ISL55142IVZ Payment Methods



## ISL55142IVZ Shipping Methods



If you have any question about ISL55142IVZ, please do not hesitate to contact us!

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

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