

**859S0412BGILF Information**


For Reference Only

**Part Number** 859S0412BGILF  
**Manufacturer** IDT, Integrated Device Technology Inc  
**Category** Integrated Circuits (ICs)  
 Clock/Timing - Clock Buffers, Drivers  
**Description** NETWORK TIMING  
**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.


**859S0412BGILF Specifications**

|                             |  |
|-----------------------------|--|
| Manufacturer Part Number    | 859S0412BGILF  |
| Manufacturer                | IDT, Integrated Device Technology Inc                              |
| Category                    | Integrated Circuits (ICs)<br>Clock/Timing - Clock Buffers, Drivers |
| Package                     | 20-TSSOP (0.173", 4.40mm Width)                                    |
| Series                      | -  |
| Type                        | Fanout Buffer (Distribution), Multiplexer                          |
| Number of Circuits          | 1  |
| Ratio - Input:Output        | 4:2  |
| Differential - Input:Output | Yes/Yes  |
| Input                       | CML, LVDS, LVPECL  |
| Output                      | LVDS, LVPECL   |
| Frequency - Max             | 3GHz   |
| Voltage - Supply            | 2.375 V ~ 3.465 V  |
| Operating Temperature       | -40°C ~ 85°C   |
| Mounting Type               | Surface Mount  |
| Package / Case              | 20-TSSOP (0.173", 4.40mm Width)                                    |
| Supplier Device Package     | 20-TSSOP   |

[Report errors?](#)

## 859S0412BGILF 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.

## 859S0412BGILF Payment Methods



## 859S0412BGILF Shipping Methods



If you have any question about 859S0412BGILF, please do not hesitate to contact us!

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

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