

**2305-1HDCG8 Information**


For Reference Only

**Part Number** [2305-1HDCG8](#)  
**Manufacturer** IDT, Integrated Device Technology Inc  
**Category** Integrated Circuits (ICs)  
 Clock/Timing - Clock Generators, PLLs,  
 Frequency Synthesizers  
**Description** IC CLK BUFFER 3.3V HI DRV 8-SOIC  
**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.


**2305-1HDCG8 Specifications**

|                             |                                                                                                            |
|-----------------------------|------------------------------------------------------------------------------------------------------------|
| Manufacturer Part Number    | <a href="#">2305-1HDCG8</a>                                                                                |
| Manufacturer                | IDT, Integrated Device Technology Inc                                                                      |
| Category                    | Integrated Circuits (ICs)<br><a href="#">Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers</a> |
| Package                     | 8-SOIC (0.154", 3.90mm Width)                                                                              |
| Series                      | -                                                                                                          |
| Type                        | Zero Delay Buffer                                                                                          |
| PLL                         | Yes with Bypass                                                                                            |
| Input                       | LVTTL                                                                                                      |
| Output                      | CMOS, LVCMOS, TTL                                                                                          |
| Number of Circuits          | 1                                                                                                          |
| Ratio - Input:Output        | 1:5                                                                                                        |
| Differential - Input:Output | No/No                                                                                                      |
| Frequency - Max             | 133MHz                                                                                                     |
| Divider/Multiplier          | No/No                                                                                                      |
| Voltage - Supply            | 3 V ~ 3.6 V                                                                                                |
| Operating Temperature       | 0°C ~ 70°C                                                                                                 |
| Mounting Type               | Surface Mount                                                                                              |
| Package / Case              | 8-SOIC (0.154", 3.90mm Width)                                                                              |
| Supplier Device Package     | 8-SOIC                                                                                                     |

[Report errors?](#)

## 2305-1HDCG8 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.

## 2305-1HDCG8 Payment Methods



## 2305-1HDCG8 Shipping Methods



If you have any question about 2305-1HDCG8, please do not hesitate to contact us!

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

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