

**CSD88584Q5DC Information**


For Reference Only

**Part Number** [CSD88584Q5DC](#)  
**Manufacturer** Texas Instruments  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Arrays](#)  
**Description** MOSFET ARRAY 2N-CH 40A 22VSON  
**Package** 22-PowerTFDFN  
 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.


**CSD88584Q5DC Specifications**

|                                                               |                                                                                         |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| Manufacturer Part Number                                      | <a href="#">CSD88584Q5DC</a>                                                            |
| Manufacturer                                                  | Texas Instruments                                                                       |
| Category                                                      | Discrete Semiconductor Products<br><a href="#">Transistors - FETs, MOSFETs - Arrays</a> |
| Package                                                       | 22-PowerTFDFN                                                                           |
| Series                                                        | NexFET?                                                                                 |
| FET Type                                                      | 2 N-Channel (Half Bridge)                                                               |
| FET Feature                                                   | Standard                                                                                |
| Drain to Source Voltage (V <sub>ds</sub> )                    | 40V                                                                                     |
| Current - Continuous Drain (I <sub>d</sub> ) @ 25°C           | -                                                                                       |
| R <sub>ds</sub> On (Max) @ I <sub>d</sub> , V <sub>gs</sub>   | 0.95 mOhm @ 30A, 10V                                                                    |
| V <sub>gs</sub> (th) (Max) @ I <sub>d</sub>                   | 2.3V @ 250μA                                                                            |
| Gate Charge (Q <sub>g</sub> ) (Max) @ V <sub>gs</sub>         | 88nC @ 4.5V                                                                             |
| Input Capacitance (C <sub>iss</sub> ) (Max) @ V <sub>ds</sub> | 12400pF @ 20V                                                                           |
| Power - Max                                                   | 12W                                                                                     |
| Operating Temperature                                         | -55°C ~ 150°C (TJ)                                                                      |
| Mounting Type                                                 | Surface Mount                                                                           |
| Package / Case                                                | 22-PowerTFDFN                                                                           |
| Supplier Device Package                                       | 22-VSON-CLIP (5x6)                                                                      |

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## CSD88584Q5DC 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.

## CSD88584Q5DC Payment Methods



## CSD88584Q5DC Shipping Methods



If you have any question about CSD88584Q5DC, please do not hesitate to contact us!

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