

|                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                           |             |                     |     |                      |                            |              |                                                                                                    |                  |                                                      |            |           |               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------|---------------------|-----|----------------------|----------------------------|--------------|----------------------------------------------------------------------------------------------------|------------------|------------------------------------------------------|------------|-----------|---------------|
| <div><p>Not Actual Photo<br/>YIC International Co., Limited.</p></div> <div>Image may be representation.<br/>See specs for product details.</div> | <b>CSD85312Q3E</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                           |             |                     |     |                      |                            |              |                                                                                                    |                  |                                                      |            |           |               |
|                                                                                                                                                                                                                                    | <table><tr><td>Manufacturer Part Number:</td><td>CSD85312Q3E</td></tr><tr><td>Manufacturer/Brand:</td><td>N/A</td></tr><tr><td>Part of Description:</td><td>MOSFET 2N-CH 20V 39A 8VSON</td></tr><tr><td>RoHs Status:</td><td> Lead free / RoHS</td></tr><tr><td>Stock Condition:</td><td>Compliant<br/>New original, 2711 pcs Stock Available.</td></tr><tr><td>Ship From:</td><td>Hong Kong</td></tr><tr><td>Shipment Way:</td><td>DHL/Fedex/TNT/UPS/EMS</td></tr></table> | Manufacturer Part Number: | CSD85312Q3E | Manufacturer/Brand: | N/A | Part of Description: | MOSFET 2N-CH 20V 39A 8VSON | RoHs Status: |  Lead free / RoHS | Stock Condition: | Compliant<br>New original, 2711 pcs Stock Available. | Ship From: | Hong Kong | Shipment Way: |
| Manufacturer Part Number:                                                                                                                                                                                                          | CSD85312Q3E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                           |             |                     |     |                      |                            |              |                                                                                                    |                  |                                                      |            |           |               |
| Manufacturer/Brand:                                                                                                                                                                                                                | N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                           |             |                     |     |                      |                            |              |                                                                                                    |                  |                                                      |            |           |               |
| Part of Description:                                                                                                                                                                                                               | MOSFET 2N-CH 20V 39A 8VSON                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                           |             |                     |     |                      |                            |              |                                                                                                    |                  |                                                      |            |           |               |
| RoHs Status:                                                                                                                                                                                                                       |  Lead free / RoHS                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                           |             |                     |     |                      |                            |              |                                                                                                    |                  |                                                      |            |           |               |
| Stock Condition:                                                                                                                                                                                                                   | Compliant<br>New original, 2711 pcs Stock Available.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                           |             |                     |     |                      |                            |              |                                                                                                    |                  |                                                      |            |           |               |
| Ship From:                                                                                                                                                                                                                         | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                           |             |                     |     |                      |                            |              |                                                                                                    |                  |                                                      |            |           |               |
| Shipment Way:                                                                                                                                                                                                                      | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                           |             |                     |     |                      |                            |              |                                                                                                    |                  |                                                      |            |           |               |

| Specifications                         |                                                       |
|----------------------------------------|-------------------------------------------------------|
| Part Number                            | CSD85312Q3E                                           |
| Manufacturer                           | N/A                                                   |
| Description                            | MOSFET 2N-CH 20V 39A 8VSON                            |
| Category                               | Discrete Semiconductor Products > Transistors - FETs, |
| Part Status                            | 2711 pcs Stock                                        |
| Vgs(th) (Max) @ Id                     | 1.4V @ 250µA                                          |
| Supplier Device Package                | 8-VSON (3.3x3.3)                                      |
| Series                                 | NexFET™                                               |
| Rds On (Max) @ Id, Vgs                 | 12.4 mOhm @ 10A, 8V                                   |
| Power - Max                            | 2.5W                                                  |
| Packaging                              | Tape & Reel (TR)                                      |
| Package / Case                         | 8-PowerVDFN                                           |
| Operating Temperature                  | -55°C ~ 150°C (TJ)                                    |
| Mounting Type                          | Surface Mount                                         |
| Input Capacitance (Ciss) (Max) @ Vds   | 2390pF @ 10V                                          |
| Gate Charge (Qg) (Max) @ Vgs           | 15.2nC @ 4.5V                                         |
| FET Type                               | 2 N-Channel (Dual) Common Source                      |
| FET Feature                            | Logic Level Gate, 5V Drive                            |
| Drain to Source Voltage (Vdss)         | 20V                                                   |
| Current - Continuous Drain (Id) @ 25°C | 39A                                                   |

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MOSFET 2N-CH 20V 5A



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MOSFET 2N-CH 20V 5A 6WSON



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CSD86330Q3D  
N/A  
MOSFET 2N-CH 25V 20A 8SON



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MOSFET 2N-CH 25V 4.5A  
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| CSD85312Q3E Related keyword |                          |                         |                   |                          | More |
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| CSD85312Q3E                 | CSD85312Q3E Data Sheet   | CSD85312Q3E Datasheets  | CSD85312Q3E PDF   | CSD85312Q3E              |      |
| CSD85312Q3E Electronic      | CSD85312Q3E Components   | CSD85312Q3E Distributor | CSD85312Q3E Image | CSD85312Q3E Part         |      |
| CSD85312Q3E Price           | CSD85312Q3E Manufacturer | CSD85312Q3E Picture     | CSD85312Q3E Stock | CSD85312Q3E Inventory    |      |
| CSD85312Q3E New             | CSD85312Q3E Original     | CSD85312Q3E Warranted   | CSD85312Q3E RFQ   | CSD85312Q3E Order Online |      |