



# **FQB25N33TM Information**



For Reference Only

Part Number FQB25N33TM

ManufacturerFairchild/ON SemiconductorCategoryDiscrete Semiconductor Products<br/>Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 330V 25A D2PAK

Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: 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.









# **FQB25N33TM Specifications**

| Manufacturer Part Number               | FQB25N33TM                                |               |
|--|---|---------------|
| Manufacturer                           | Fairchild/ON Semiconductor                |               |
| Category                               | Discrete Semiconductor Products           |               |
|  | Transistors - FETs, MOSFETs - Single      |               |
| Package                                | TO-263-3, D2Pak (2 Leads + Tab), TO-263AB |               |
| Series                                 | QFET?                                     |               |
| FET Type                               | N-Channel                                 |               |
| Technology                             | MOSFET (Metal Oxide)                      |               |
| Drain to Source Voltage (Vdss)         | 330V                                      |               |
| Current - Continuous Drain (Id) @ 25°C | 25A (Tc)                                  |               |
| Drive Voltage (Max Rds On, Min Rds On) | 10V                                       |               |
| Vgs(th) (Max) @ Id                     | 5V @ 250μA                                |               |
| Gate Charge (Qg) (Max) @ Vgs           | 75nC @ 15V                                |               |
| Input Capacitance (Ciss) (Max) @ Vds   | 2010pF @ 25V                              |               |
| Vgs (Max)                              | ±30V                                      |               |
| FET Feature                            | -   |               |
| Power Dissipation (Max)                | 3.1W (Ta), 250W (Tc)                      |               |
| Rds On (Max) @ Id, Vgs                 | 230 mOhm @ 12.5A, 10V                     |               |
| Operating Temperature                  | -55°C ~ 150°C (TJ)                        |               |
| Mounting Type                          | Surface Mount                             |               |
| Supplier Device Package                | D2PAK (TO-263AB)                          |               |
| Package / Case                         | TO-263-3, D2Pak (2 Leads + Tab), TO-263AB |               |
|  | Re  | eport errors? |

# **FQB25N33TM 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.

# **FQB25N33TM Payment Methods**



















### **FQB25N33TM Shipping Methods**













If you have any question about FQB25N33TM, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com