

Product Overview

BSS138_F085: N-Channel Logic Level Enhancement Mode Field Effect Transistor 60V, 220mA, 3.5Ω

For complete documentation, see the data sheet.

These N-Channel enhancement mode field effect transistors are produced using Fairchild's proprietary, high cell density, DMOS technology. These products have been designed to minimize on-state resistance while provide rugged, reliable, and fast switching performance. These products are particularly suited for low voltage, low current applications such as small servo motor control, power MOSFET gate drivers, and other switching applications.

Features

- 0.22 A, 50 V
 $R_{DS(ON)} = 3.5\Omega$ @ $V_{GS} = 10\text{ V}$
 $R_{DS(ON)} = 6.0\Omega$ @ $V_{GS} = 4.5\text{ V}$
- High density cell design for extremely low $R_{DS(ON)}$
- Rugged and Reliable
- Compact industry standard SOT-23 surface mount package

Applications

- General Low Voltage and Low Current Application
- Small Servo Motor Control
- Power MOSFET Gate Drivers
- General Switching Applications

For more information please contact your local sales support at www.onsemi.com.

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