

FDH210N08

Power MOSFET, N-Channel, UniFET™, 75 V, 210 A, 5.5 mΩ, TO-247

Product Overview

For complete documentation, see the data sheet.

UniFET™ MOSFET is a high voltage MOSFET family based on planar stripe and DMOS technology. This MOSFET is tailored to reduce on-state resistance, and to provide better switching performance and higher avalanche energy strength. This device family is suitable for switching power converter applications such as power factor correction (PFC), flat panel display (FPD) TV power, ATX and electronic lamp ballasts.

Features

- $R_{DS(on)} = 4.65 \text{ m}\Omega$ (Typ.) @ $V_{GS} = 10 \text{ V}$, $I_D = 125 \text{ A}$
- Low Gate Charge (Typ. 232 nC)
- Low C_{rss} (Typ. 262 pF)
- 100% Avalanche Tested
- Improved dv/dt Capability