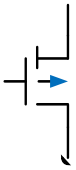
NP

Schematic diagram



=-5.5A

$R_{DS(ON)}$(Typ.)=42mΩ @V_{GS}=-10V

$R_{DS(ON)}$(Typ.)=58mΩ @V_{GS}=-4.5V

- High power and current handing capability
- Lead free product is acquired
- Surface mount package

Application

- Battery protection
- Load switch

Package

- SOP-8

Thermal Characteristics

M4x

Parameter	Symbol	Typ	Max

Typical Performance Characteristics

Fig1 Output Characteristics

Fig2 Transfer Characteristics

Fig3 Rdson-Drain current

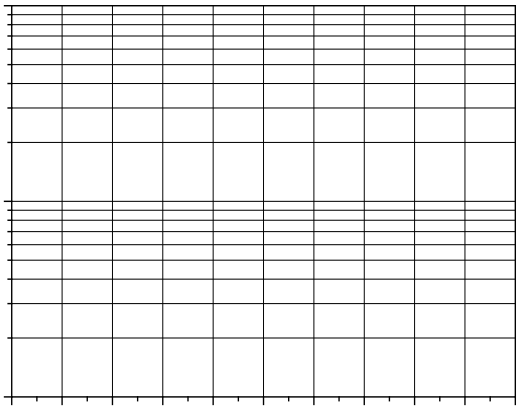


Fig5 Source-Drain Diode Forward

Typical Performance Characteristics

Package Information

- **SOP-8**

Recommended Minimum Pads

- **SOP-8**

