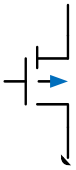
NP

## 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**

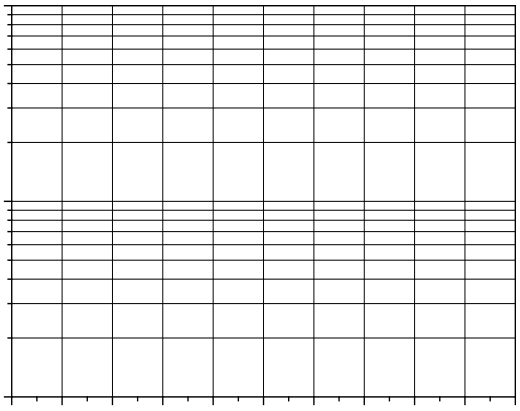


**Fig5 Source-Drain Diode Forward**

## Typical Performance Characteristics

## Package Information

- **SOP-8**

## Recommended Minimum Pads

- **SOP-8**

