-60V P+P-CHANNEL ENHANCEMENT MODE MOSFET

MAIN CHARACTERISTICS

I_D	-25A
V_{DSS}	-60V
R_{DSON}-typ(@V_{GS}=-10V)	45mΩ(Typ:35mΩ)
R_{DSON}-typ(@V_{GS}=-4.5V)	58mΩ(Typ:45mΩ)

DESCRIPTION

The YFW25V06NF uses advanced trench technology to provide excellent $R_{DS(ON)}$, low gate charge and operation with gate voltages as low as -4.5V. This device is suitable for use as a Battery protection or in other Switching application.

APPLICATION

- Load Switch
- PWM Application
- Power Management

Absolute Maximum Ratings (T_C=25unless otherwise noted)

Characteristics	Symbols	Value	Units
Drain-Source Voltage	V_{DS}	-60	V
Gate - Source Voltage	V_{GS}	20	V
Continuous Drain Current, V_{GS} @ -10V[1] @T_C=25			

Typical Characteristics

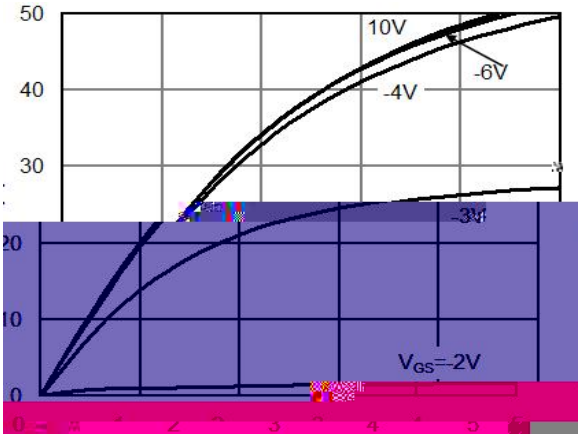


Figure 1 Output Characteristics

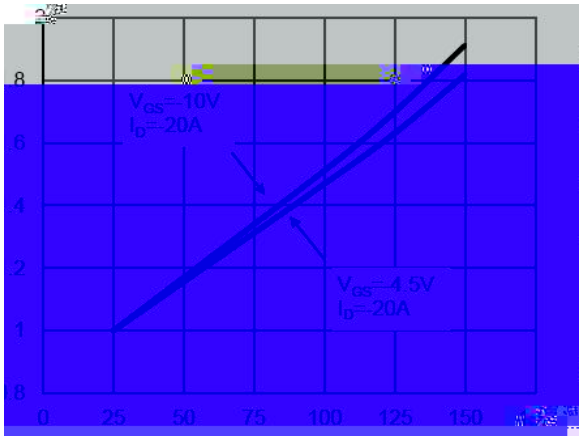


Figure 4 Rdson-Junction Temperature

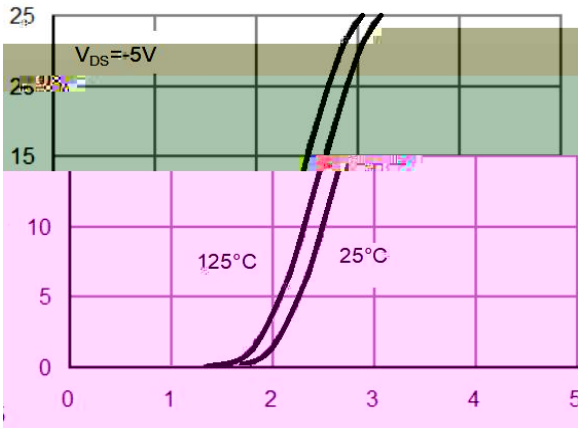


Figure 2 Transfer Characteristics



Figure 5 Gate Charge

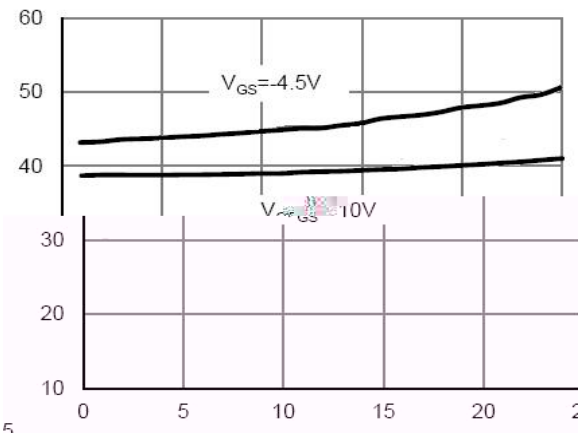


Figure 3 Rdson- Drain Current

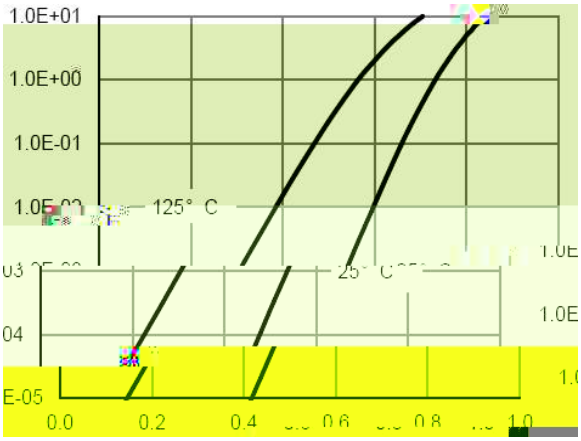


Figure 6 Source- Drain Diode Forward

Typical Characteri Dong Youfeng M

Marking Diagram

Ordering information

Model name	Package	Unit Weight	Base Quantity	Packing Quantity

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