

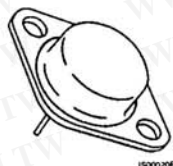
勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
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[Http://www.100y.com.tw](http://www.100y.com.tw)

Description

These devices are n-channel, enhancement mode, power MOSFETs designed especially for high speed applications, such as switching power supplies, converters, AC and DC motor controls, relay and solenoid drivers and other pulse circuits.

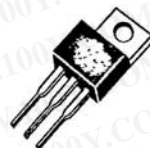
- Low $R_{DS(on)}$
- V_{GS} Rated at ± 20 V
- Silicon Gate for Fast Switching Speeds
- I_{DSS} , $V_{DS(on)}$, Specified at Elevated Temperature
- Rugged
- Low Drive Requirements
- Ease of Paralleling

TO-204AA



IRF120
 IRF121
 IRF122
 IRF123

TO-220AB



IRF520
 IRF521
 IRF522
 IRF523

Product Summary

Part Number	V_{DSS}	$R_{DS(on)}$	I_D at $T_C = 25^\circ C$	I_D at $T_C = 100^\circ C$	Case Style
IRF120	100 V	0.30 Ω	8.0 A	5.0 A	TO-204AA
IRF121	60 V	0.30 Ω	8.0 A	5.0 A	
IRF122	100 V	0.40 Ω	7.0 A	4.0 A	
IRF123	60 V	0.40 Ω	7.0 A	4.0 A	
IRF520	100 V	0.30 Ω	8.0 A	5.0 A	TO-220AB
IRF521	60 V	0.30 Ω	8.0 A	5.0 A	
IRF522	100 V	0.40 Ω	7.0 A	4.0 A	
IRF523	60 V	0.40 Ω	7.0 A	4.0 A	