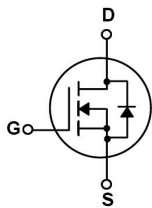
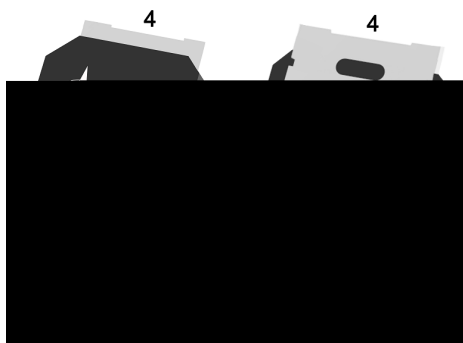


TO-252 M M E N 3 MOS 3 5 1
 N-CHANNEL MOSFET in a TO-252 Plastic Package.

$V_{DS}(V) = 20V$ $I_D=65A(V_{GS} = \pm 12V)$
 $R_{DS(ON)}@4.5V \leq 8m\Omega$ (Typ. $5m\Omega$)
 $R_{DS(ON)}@2.5V \leq 10m\Omega$ (Typ. $6.2m\Omega$)
 f_{β} HF Product.

These devices are well suited for high efficiency switching DC/DC converters and switch mode power supplies.



PIN1 G

PIN 2 D

PIN 3 S

PIN 4 D

See Marking Instructions.

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Total Gate Charge	Q_g	$V_{GS}=4.5V, V_{DS}=10V, I_D=18A$		14.7		nC
Gate Source Charge	Q_{gs}			1.9		
Gate Drain Charge	Q_{gd}			4.7		
Turn-On Delay Time	$t_{d(on)}$	$V_{GS}=4.5V, V_{DS}=10V, R_L=0.75, R_{GEN}=3$		13		ns
Turn-On Rise Time	t_r			23		ns
Turn-Off Delay Time	$t_{d(off)}$					

