Silicon P-Channel MOS FET

HITACHI

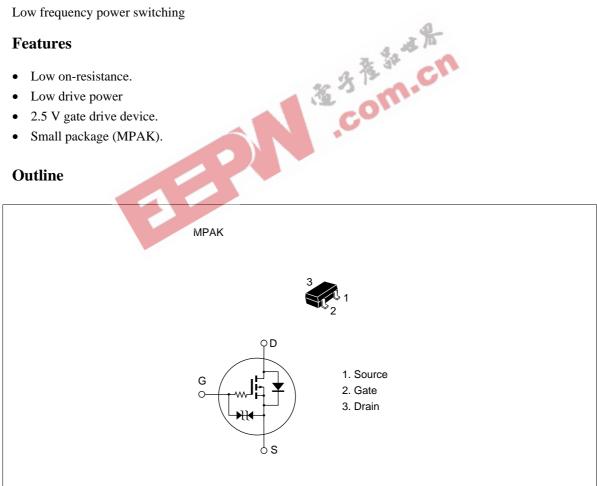
ADE-208-383 1st. Edition

Application

Low frequency power switching

Features

- Low on-resistance.
- Low drive power ٠
- 2.5 V gate drive device.
- Small package (MPAK). •





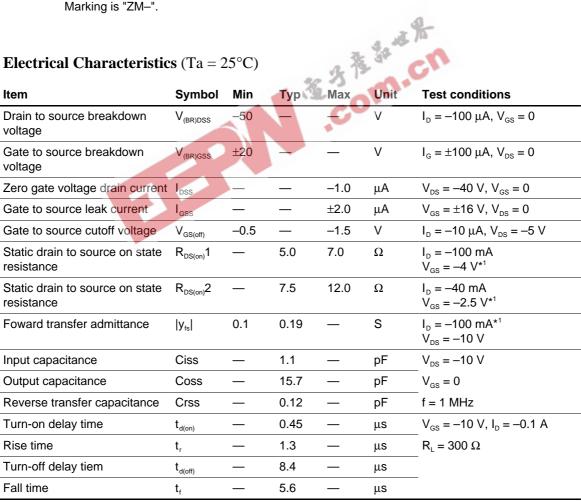
Absolute Maximum Ratings ($Ta = 25^{\circ}C$)

Symbol	Ratings	Unit
V _{DSS}	-50	V
V _{GSS}	±20	V
I _D	-0.2	А
I *1 D(pulse)	-0.4	А
Pch	150	mW
Tch	150	°C
Tstg	-55 to +150	°C
	V _{DSS} V _{GSS} I _D I _{D(pulse)} *1 Pch Tch	V_{DSS} -50 V_{GSS} ± 20 I_D -0.2 $I_{D(pulse)}^{*1}$ -0.4 Pch 150 Tch 150

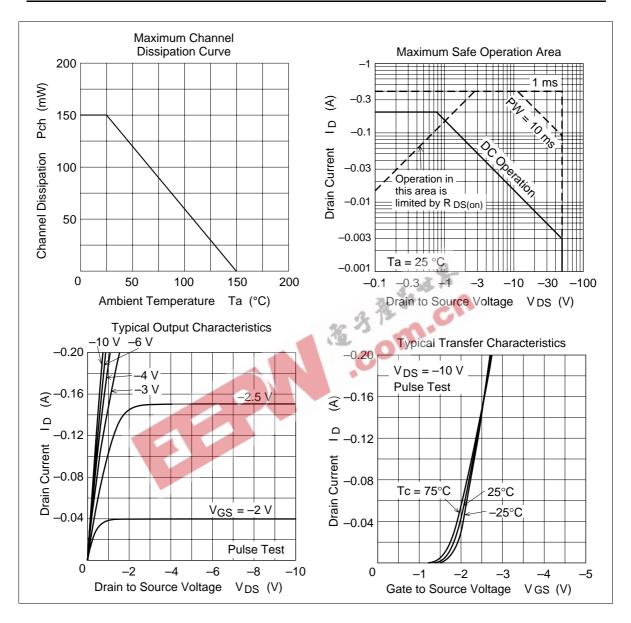
Note: 1. PW \leq 10 μ s, duty cycle \leq 1%

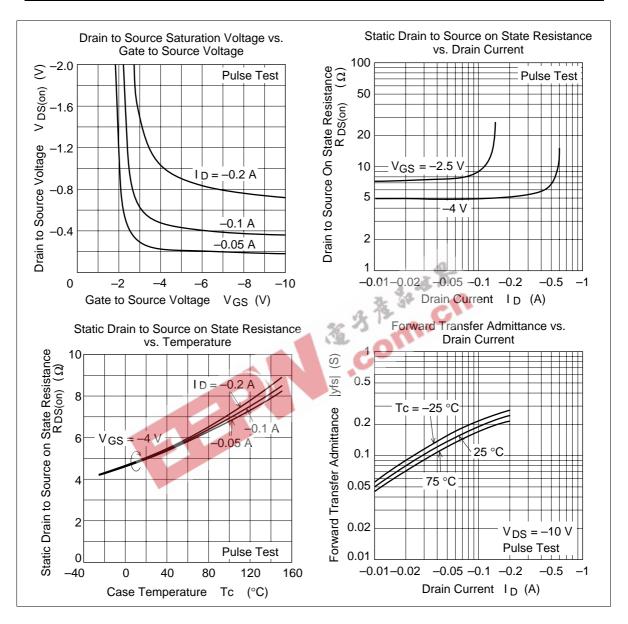
Marking is "ZM-".

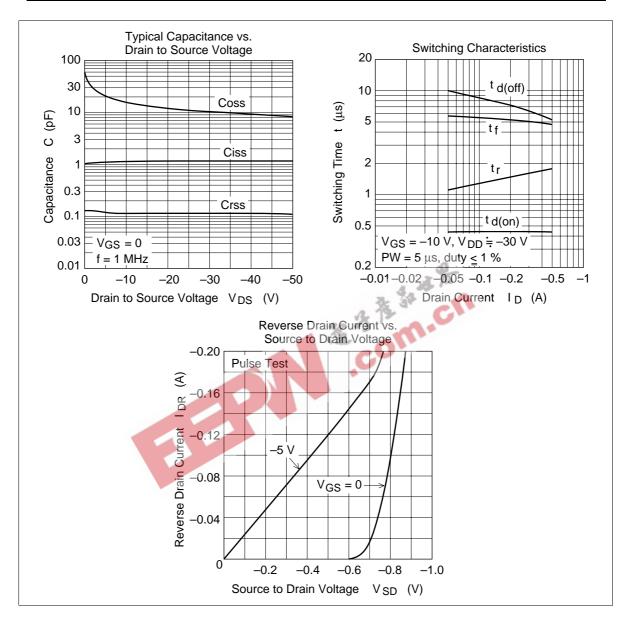
Electrical Characteristics ($Ta = 25^{\circ}C$)

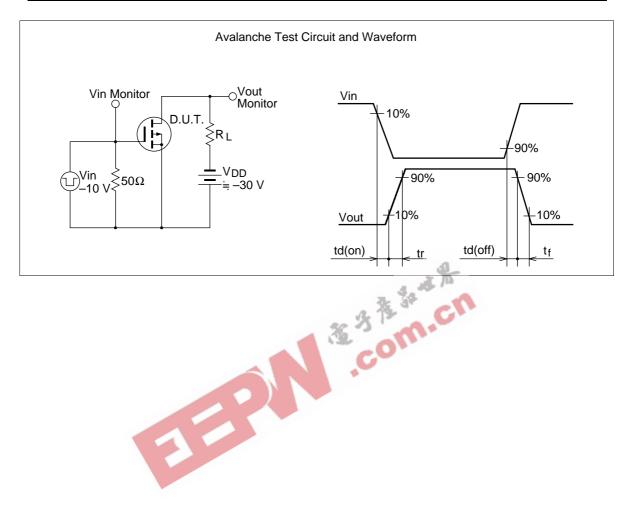


Note: 1. Pulse Test



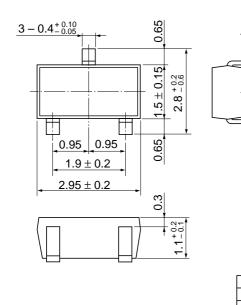


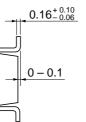














Hitachi Code	MPAK
JEDEC	
EIAJ	Conforms
Weight (reference value)	0.011 g

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