



P-Channel and P-Channel Complementary MOSFET



Product Summary

V_{DS}	-100V
I_D	-3A
$R_{DS(ON)}$ (at $V_{GS}=-10V$)	110m
$R_{DS(ON)}$ (at $V_{GS}=-4.5V$)	120m

General Description

Split Gate Trench MOSFET technology
Excellent package for heat dissipation
b

Applications

Load switching
Hard switched and high frequency circuits
Uninterruptible power supply

Absolute Maximum Ratings ($T_A=25^\circ\text{C}$ unless otherwise noted)

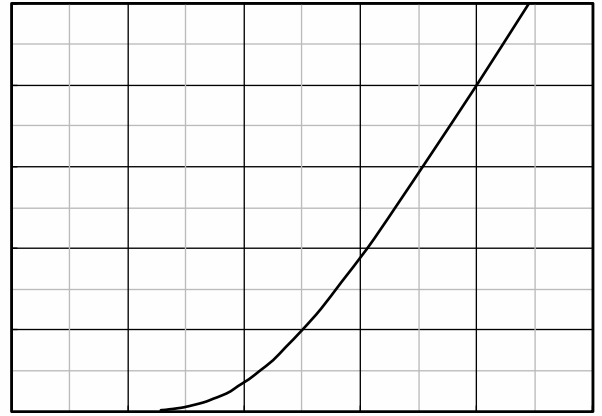
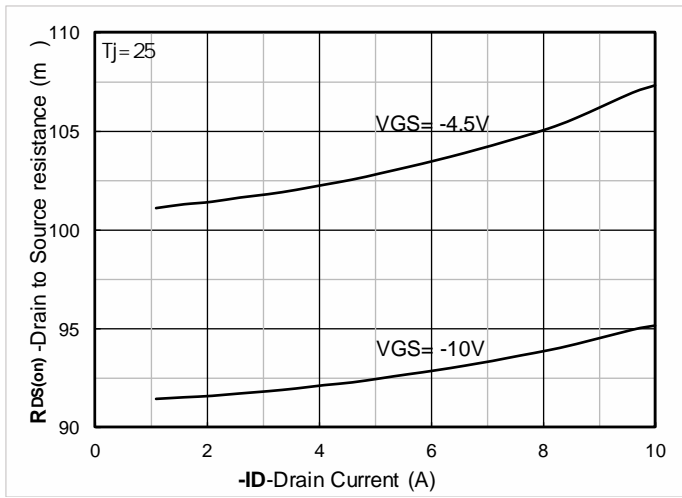
Parameter	Symbol	Limit	Unit
Drain-source Voltage	V_{DS}	-100	V
Gate-source Voltage	V_{GS}	± 20	V
Drain Current $T_A=25^\circ\text{C}$ T_A	I_D	-3	A
Pulsed Drain Current ^A	I_{DM}	-25	A
Total Power Dissipation ^C	P_D	$T_A=25^\circ\text{C}$	1.3
		$T_A=100^\circ\text{C}$	0.5
Junction and Storage Temperature Range	T_J, T_{STG}	-55 +150	°C

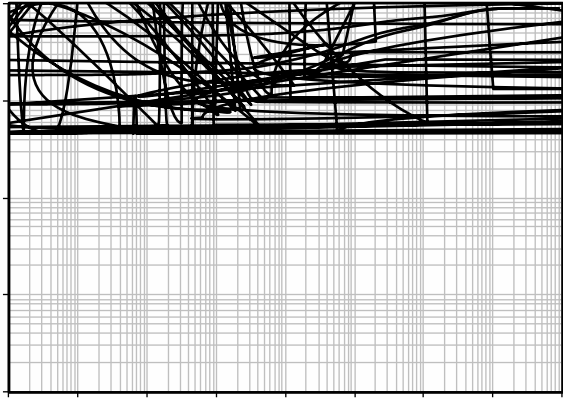
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Ordering Information (Example)

PREFERRED P/N	PACKING CODE	Marking	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
YJSD03GP10A	F2	QD03GP10A	4000	8000	64000	13" reel

YJSD03GP10A





YJSD03GP10A



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