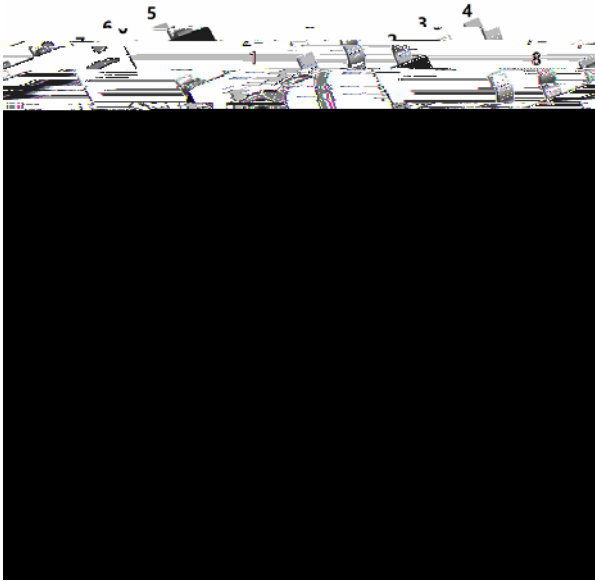




P-Channel and P-Channel Complementary MOSFET



Product Summary

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

General Description

- Split Gate Trench MOSFET technology
- Excellent package for heat dissipation

Applications

- Load switching
- Hard switched and high frequency circuits
- Uninterruptible power supply

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

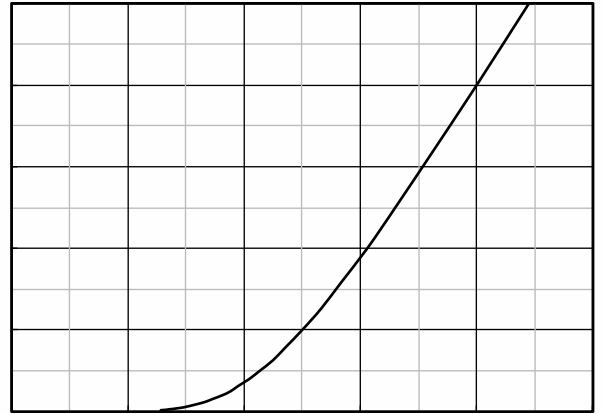
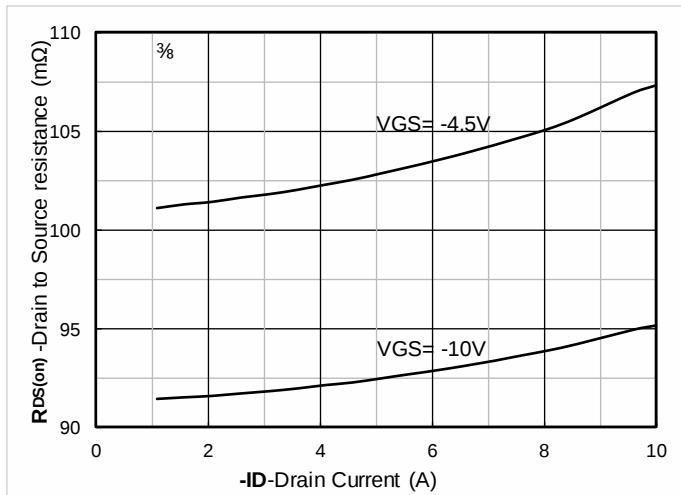
Parameter		Symbol	Limit	Unit
Drain-source Voltage		V_{DS}	-100	V
Gate-source Voltage		V_{GS}	± 20	V
Drain Current	$T_A=25^\circ\text{C}$	I_D	-3	A
	T_A			
Pulsed Drain Current ^A		I_{DM}	-25	A
Total Power Dissipation ^C	$T_A=25^\circ\text{C}$	P_D	1.3	W
	$T_A=100^\circ\text{C}$		0.5	
Junction and Storage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

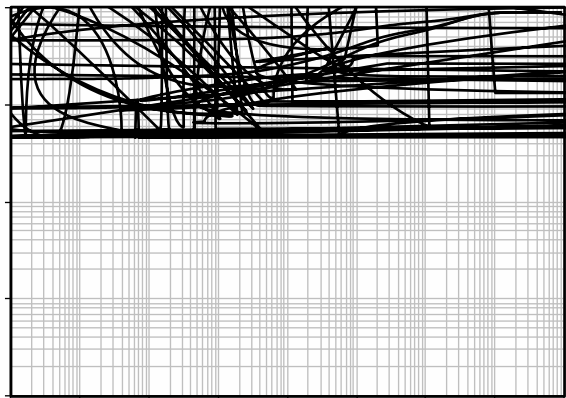
		$\% J A$	7 5	9 0	$\%/W$
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■ Ordering Information (Example)

PREFERED 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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