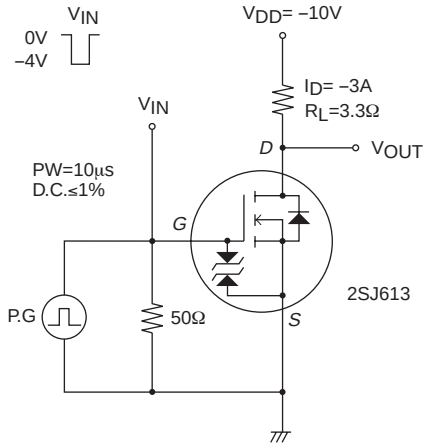
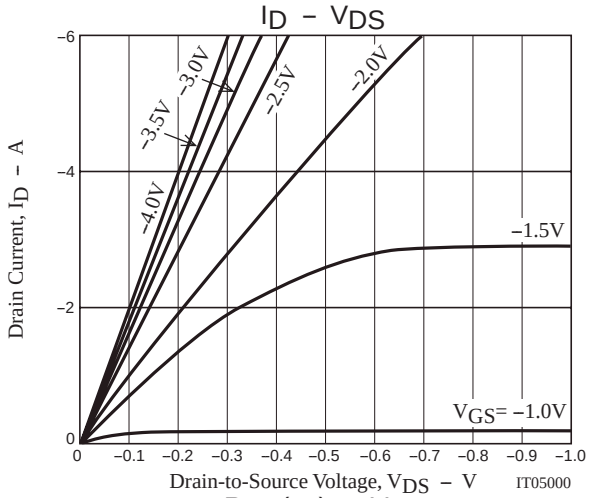
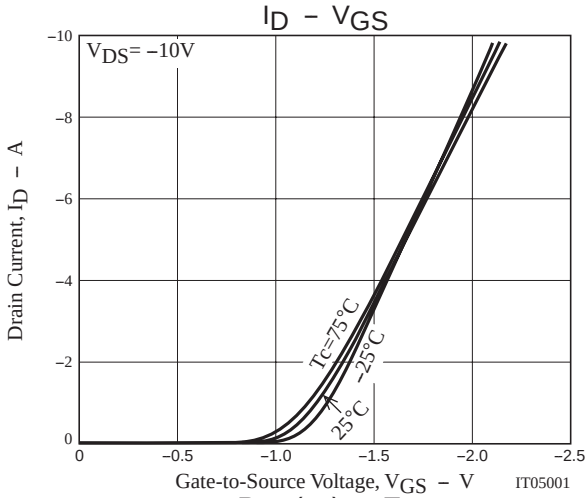
Continued from preceding page.

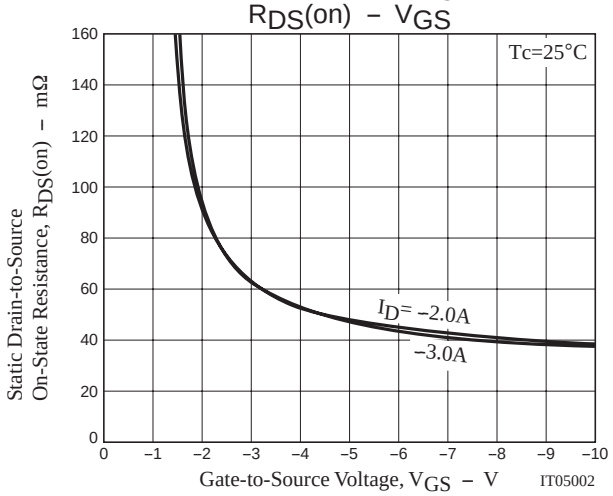
Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Input Capacitance	Ciss	V_{DS}=–10V, f=1MHz		680		pF
Output Capacitance	Coss	V_{DS}=–10V, f=1MHz		115		pF
Reverse Transfer Capacitance	Crss	V_{DS}=–10V, f=1MHz		80		pF
Turn-ON Delay Time	t_{d}(on)	See specified Test Circuit.		12		ns
Rise Time	t_{r}	See specified Test Circuit.		88		ns
Turn-OFF Delay Time	t_{d}(off)	See specified Test Circuit.		62		ns
Fall Time	t_{f}	See specified Test Circuit.		63		ns
Total Gate Charge	Qg	V_{DS}=–10V, V_{GS}=–4V, I_{D}=–6A		7.8		nC
Gate-to-Source Charge	Qgs	V_{DS}=–10V, V_{GS}=–4V, I_{D}=–6A		1.5		nC
Gate-to-Drain “Miller” Charge	Qgd	V_{DS}=–10V, V_{GS}=–4V, I_{D}=–6A		1.8		nC
Diode Forward Voltage	V_{SD}	I_{S}=–6A, V_{GS}=0		–0.89	–1.5	V

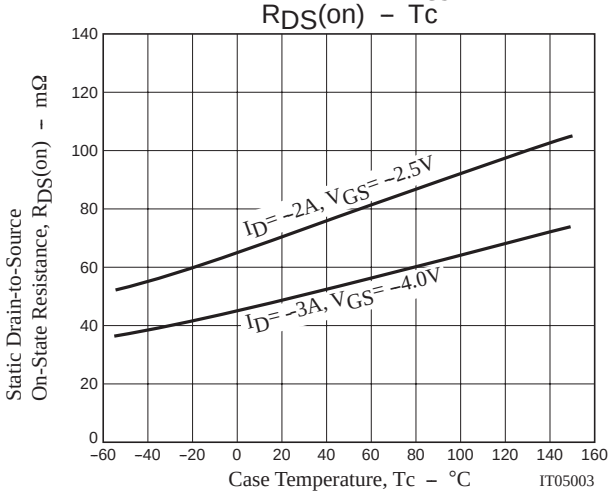
Switching Time Test Circuit











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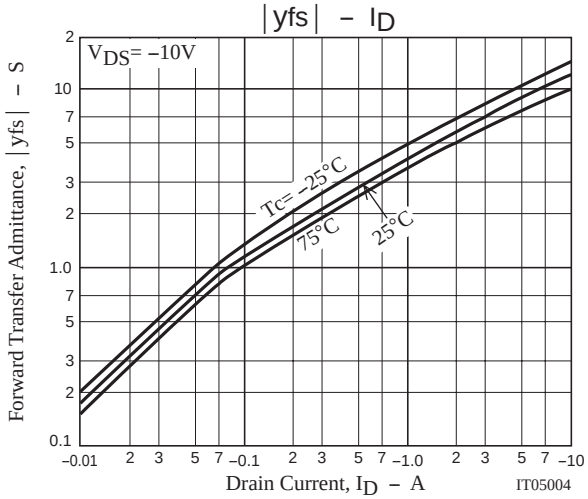

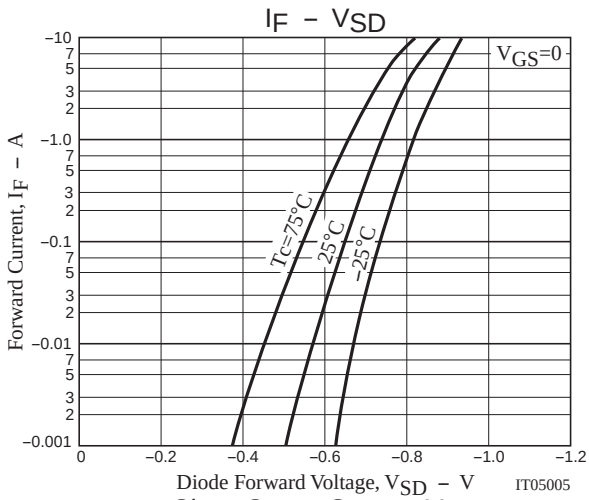

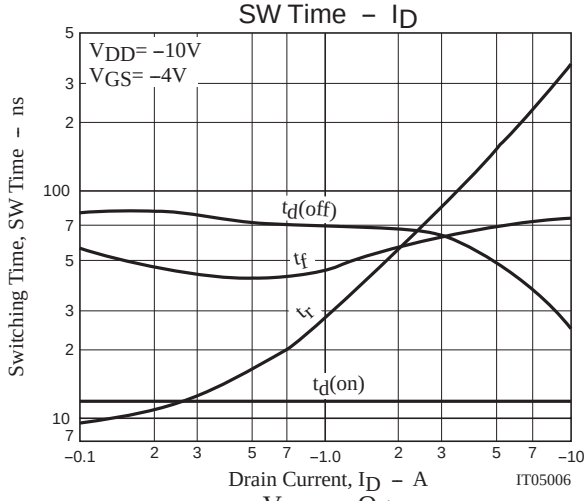

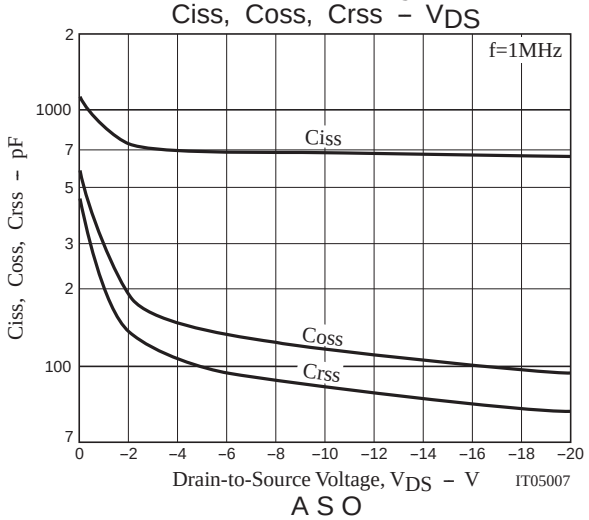

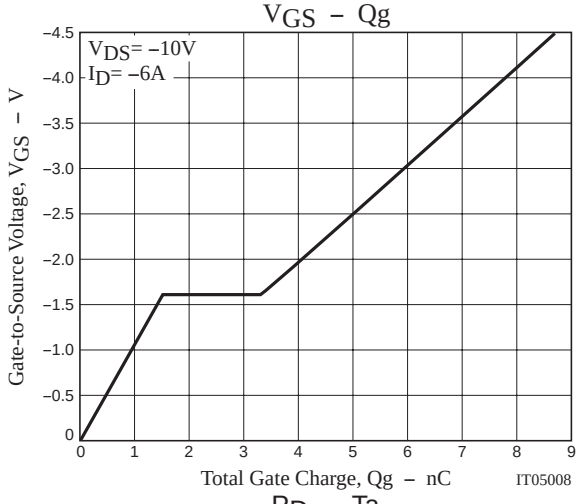

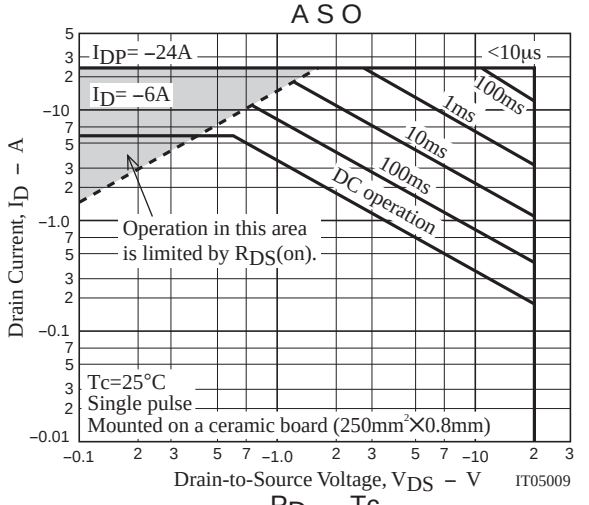

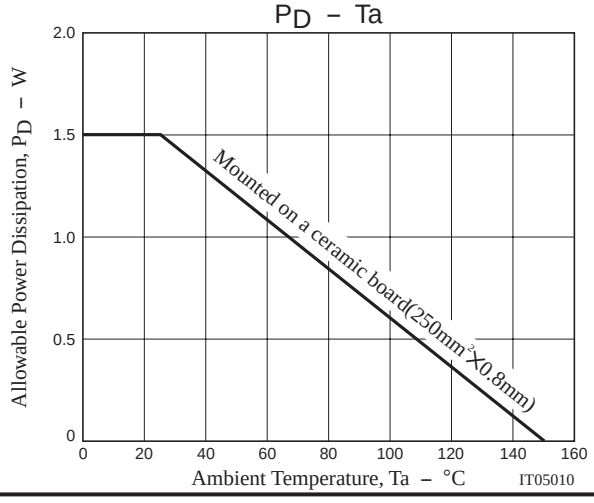

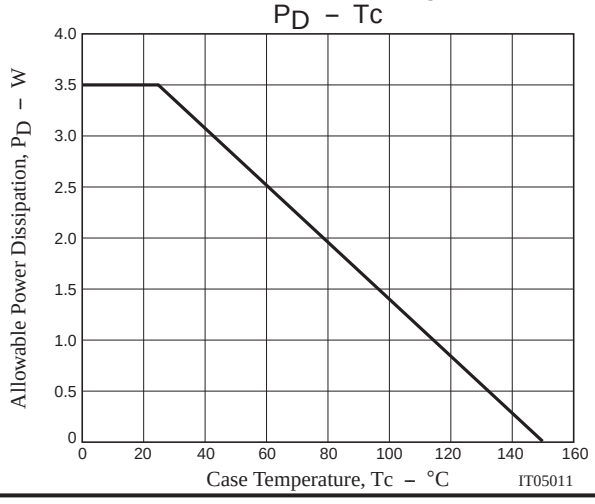

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