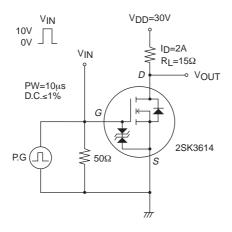
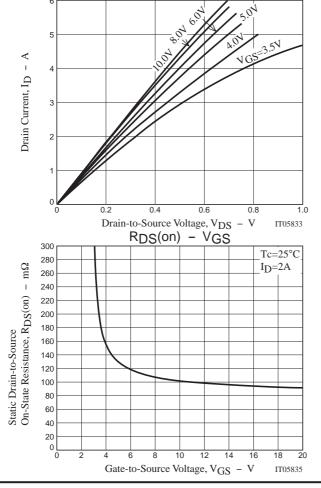
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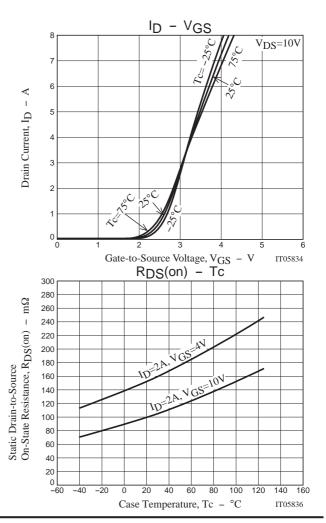
Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	Unit
Input Capacitance	Ciss	V _{DS} =20V, f=1MHz		300		pF
Output Capacitance	Coss	V _{DS} =20V, f=1MHz		54		pF
Reverse Transfer Capacitance	Crss	V _{DS} =20V, f=1MHz		34		pF
Turn-ON Delay Time	t _d (on)	See specified Test Circuit.		8		ns
Rise Time	t _r	See specified Test Circuit.		16		ns
Turn-OFF Delay Time	t _d (off)	See specified Test Circuit.		32		ns
Fall Time	tf	See specified Test Circuit.		34		ns
Total Gate Charge	Qg	V _{DS} =30V, V _{GS} =10V, I _D =4A		7.8		nC
Gate-to-Source Charge	Qgs	V _{DS} =30V, V _{GS} =10V, I _D =4A		2.4		nC
Gate-to-Drain "Miller" Charge	Qgd	V _{DS} =30V, V _{GS} =10V, I _D =4A		1.7		nC
Diode Forward Voltage	VSD	I _S =4A, V _G S=0		0.86	1.2	V

Switching Time Test Circuit

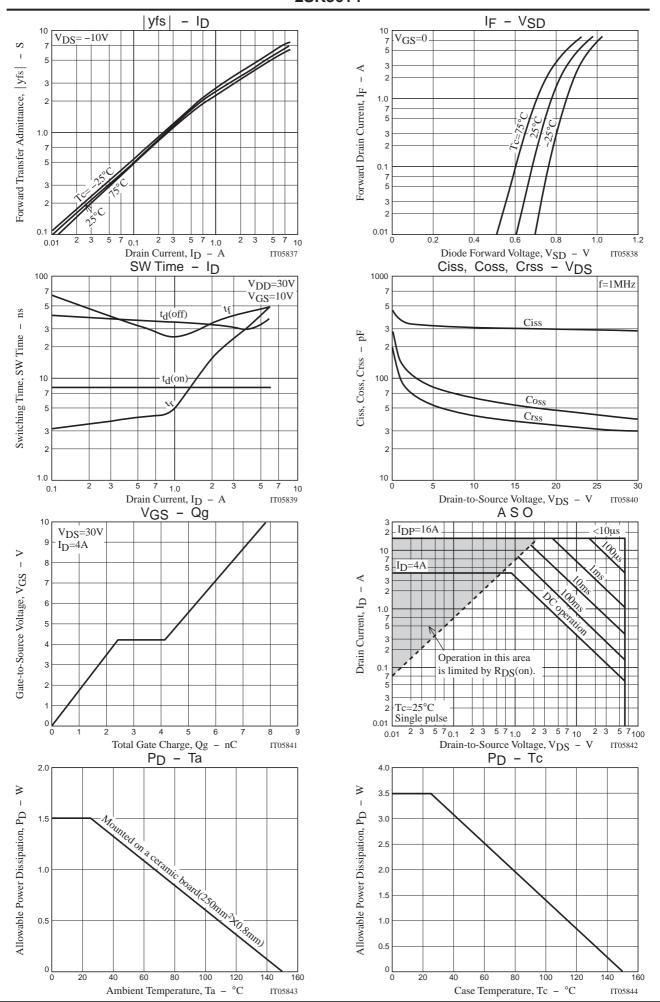


ID - VDS





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