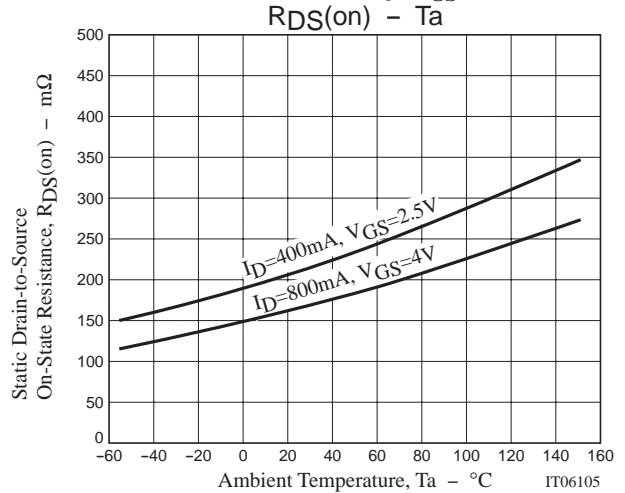
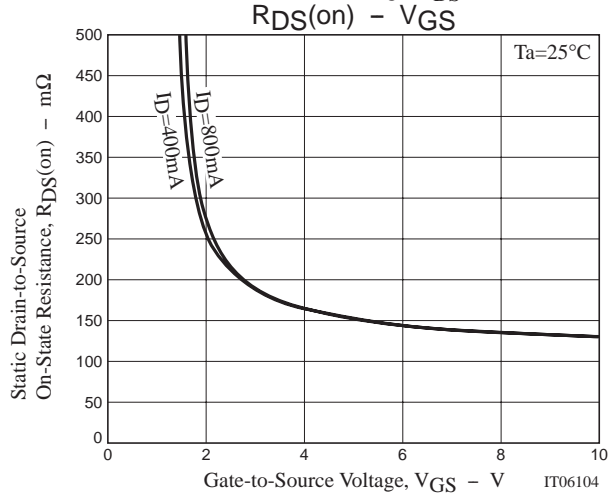
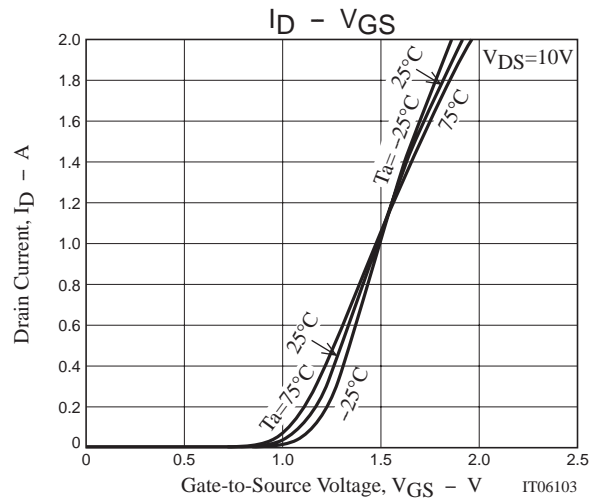
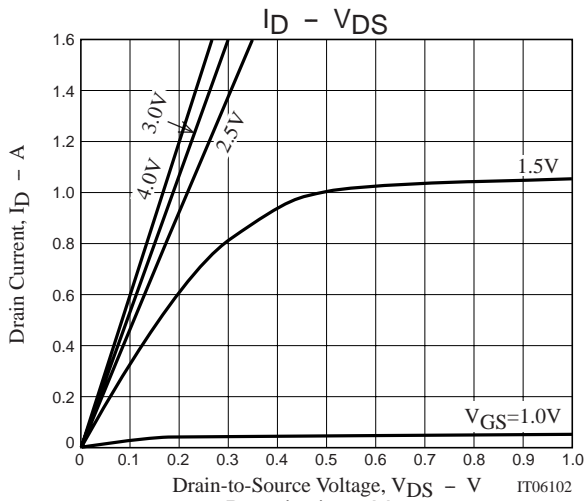
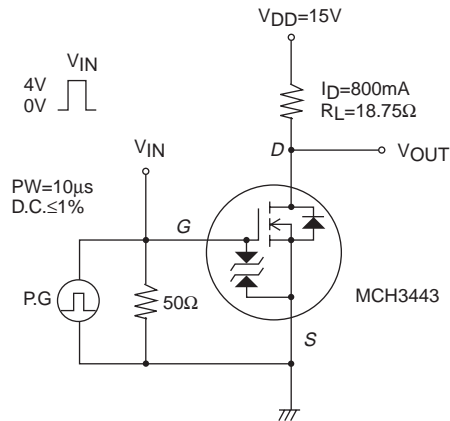


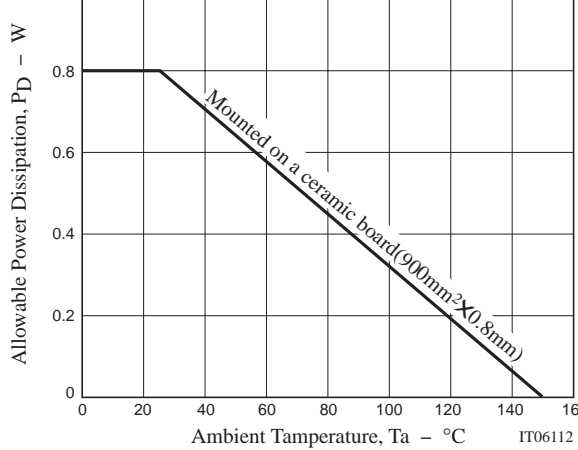
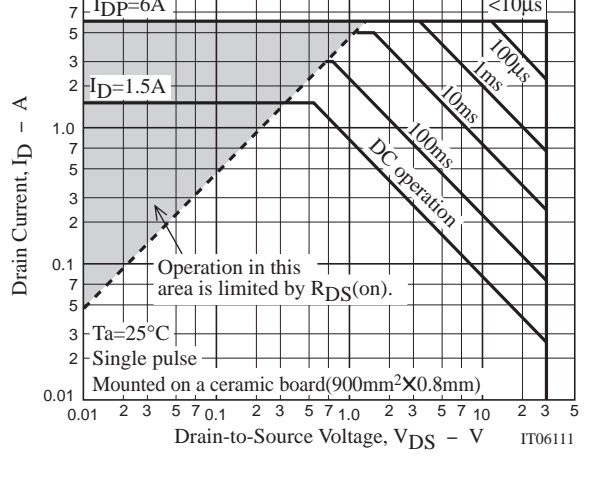
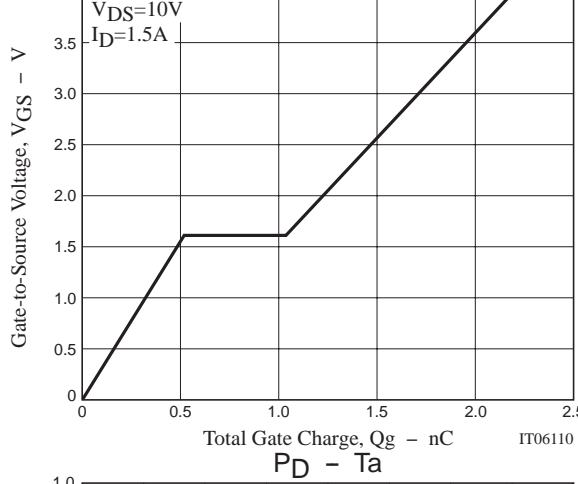
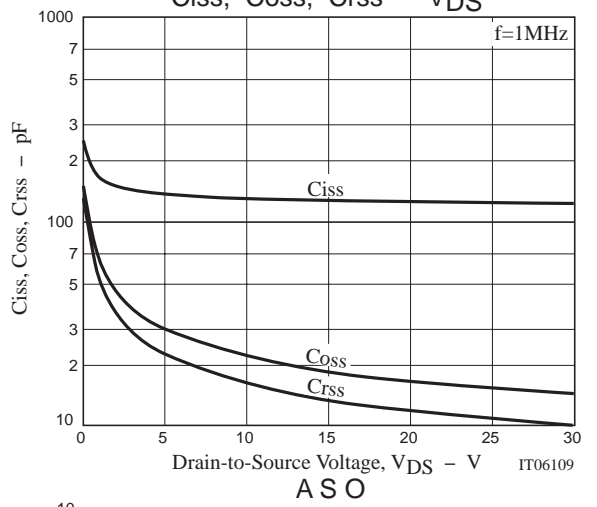
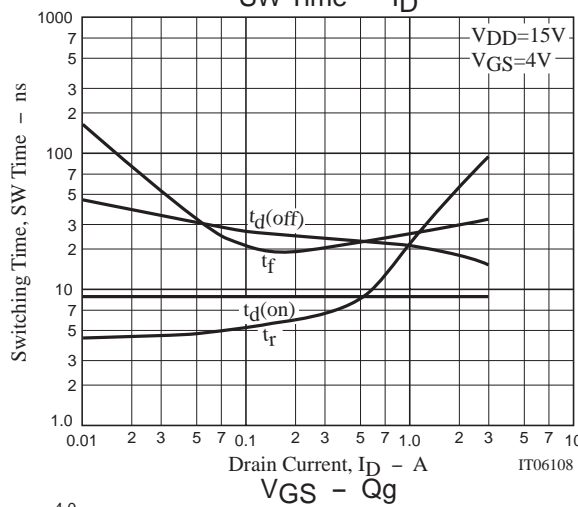
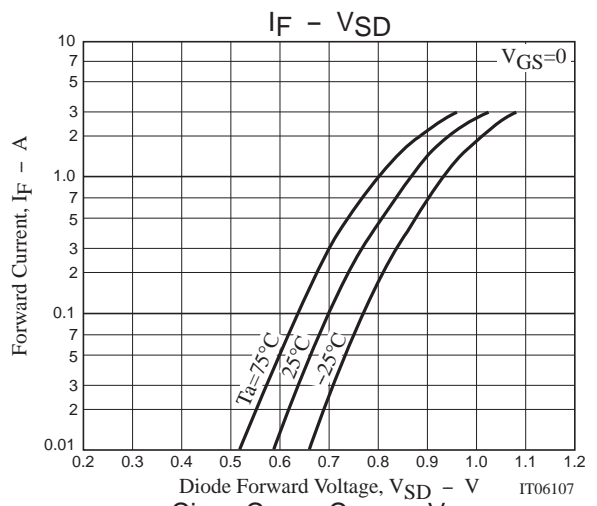
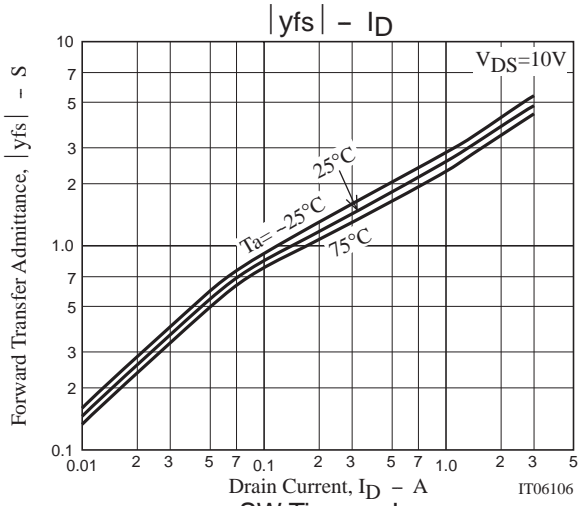
MCH3443

Continued from preceding page.

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Input Capacitance	Ciss	V _{DS} =10V, f=1MHz		130		pF
Output Capacitance	Coss	V _{DS} =10V, f=1MHz		22		pF
Reverse Transfer Capacitance	Crss	V _{DS} =10V, f=1MHz		16		pF
Turn-ON Delay Time	t _{d(on)}	See specified Test Circuit		9		ns
Rise Time	t _r	See specified Test Circuit		20		ns
Turn-OFF Delay Time	t _{d(off)}	See specified Test Circuit		23		ns
Fall Time	t _f	See specified Test Circuit		29		ns
Total Gate Charge	Q _g	V _{DS} =10V, V _{GS} =4V, I _D =1.5A		2.2		nC
Gate-to-Source Charge	Q _{gs}	V _{DS} =10V, V _{GS} =4V, I _D =1.5A		0.52		nC
Gate-to-Drain "Miller" Charge	Q _{gd}	V _{DS} =10V, V _{GS} =4V, I _D =1.5A		0.52		nC
Diode Forward Voltage	V _{SD}	I _S =1.5A, V _{GS} =0		0.9	1.2	V

Switching Time Test Circuit





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