

CPH6414

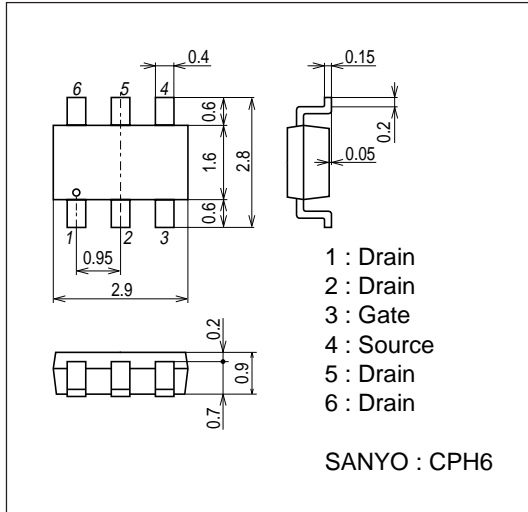
Continued from preceding page.

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Total Gate Charge	Qg	V _{DS} =10V, V _{GS} =10V, I _D =5A		8.5		nC
Gate-to-Source Charge	Qgs	V _{DS} =10V, V _{GS} =10V, I _D =5A		1.8		nC
Gate-to-Drain "Miller" Charge	Qgd	V _{DS} =10V, V _{GS} =10V, I _D =5A		1.3		nC
Diode Forward Voltage	V _{SD}	I _S =5A, V _{GS} =0V		0.86	1.2	V

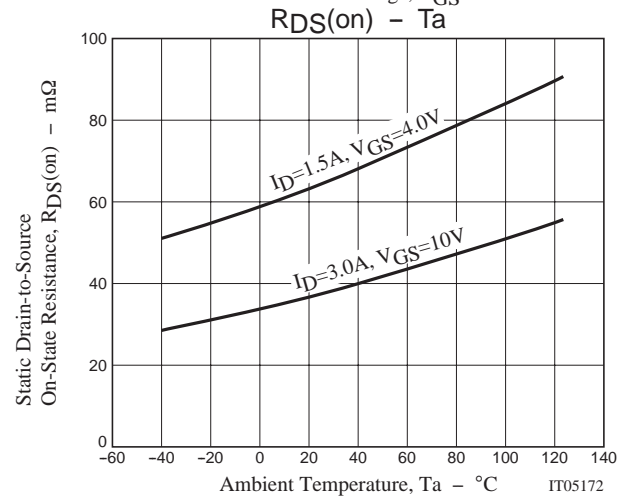
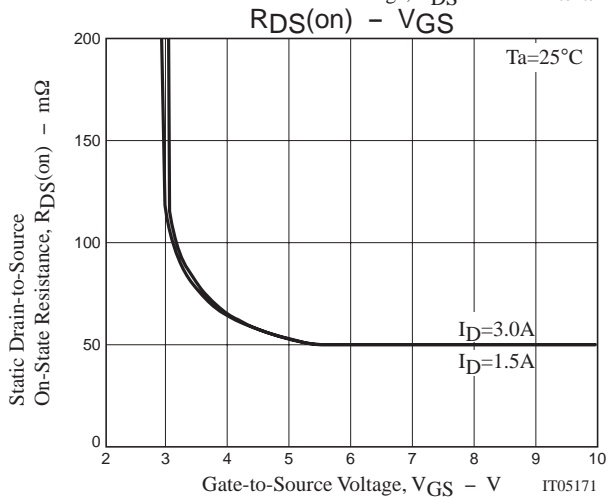
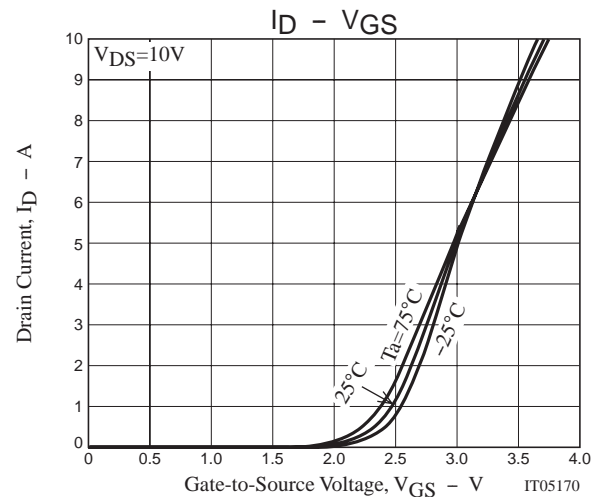
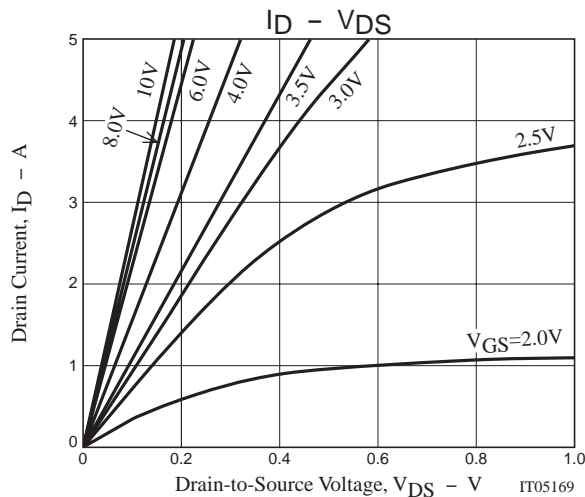
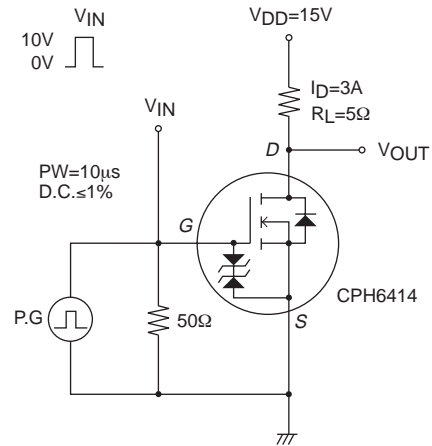
Package Dimensions

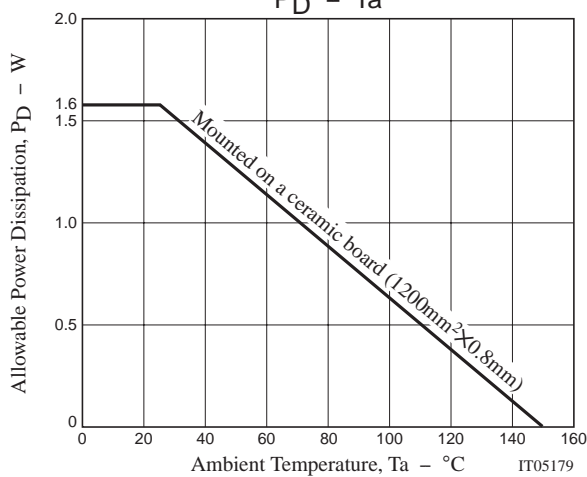
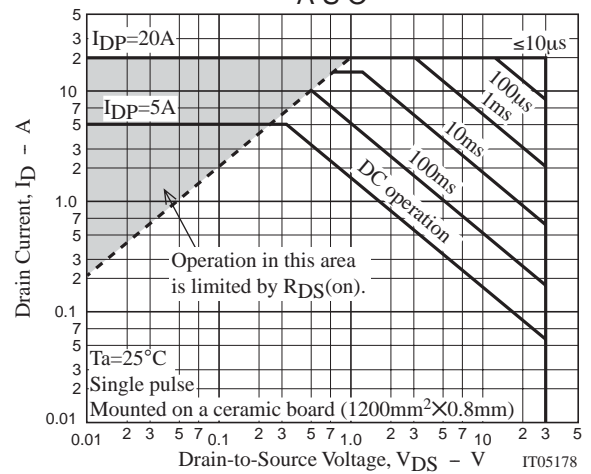
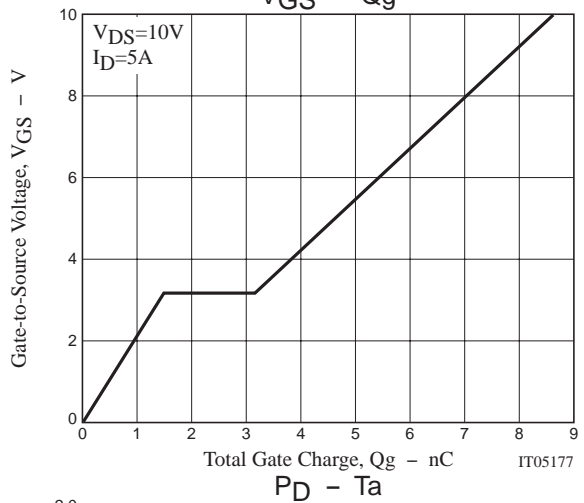
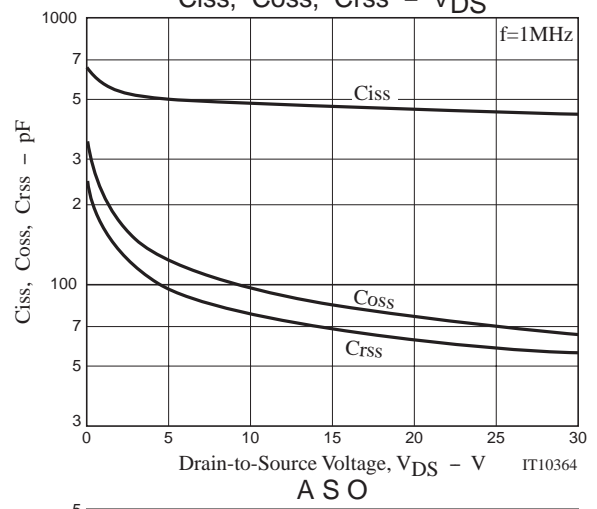
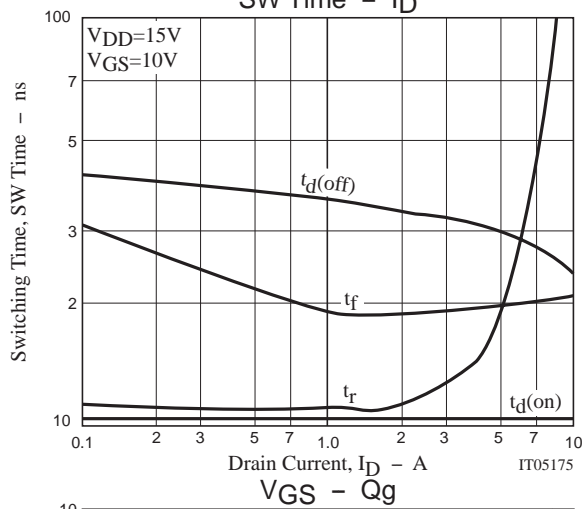
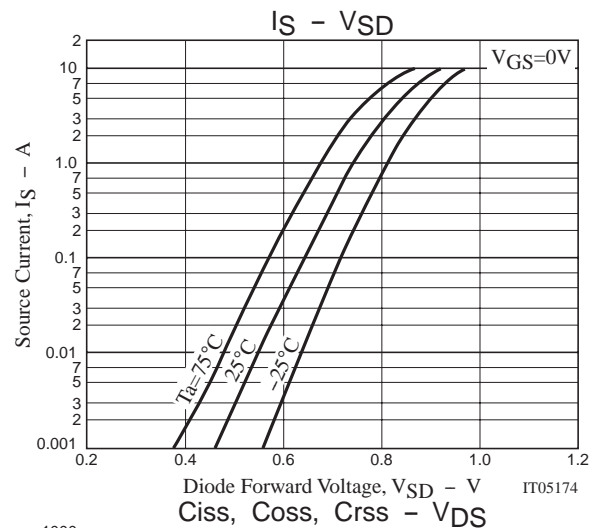
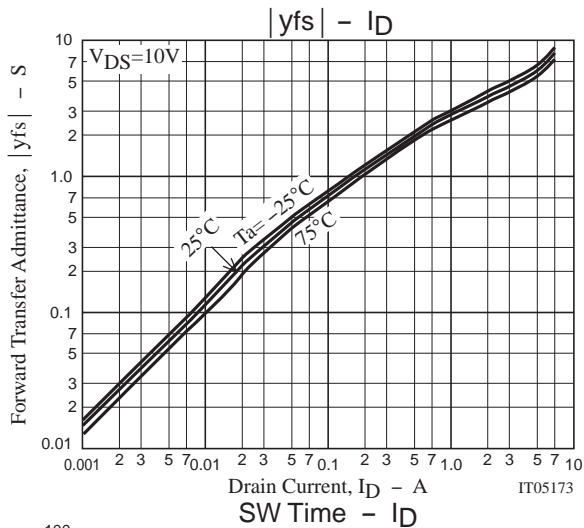
unit : mm

7018-003



Switching Time Test Circuit





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