

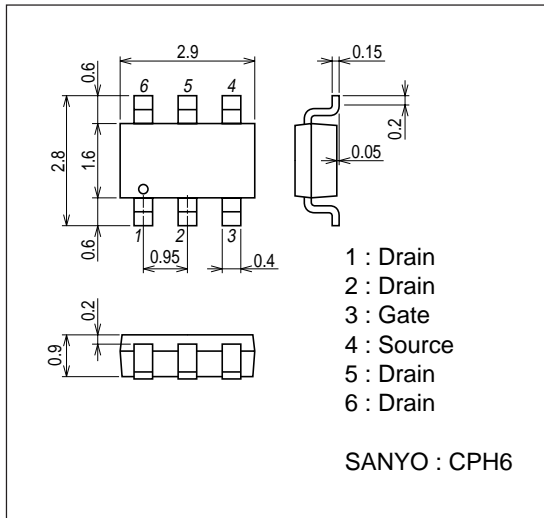
Continued from preceding page.

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Input Capacitance	Ciss	$V_{DS}=10V$ , $f=1MHz$		690		pF
Output Capacitance	Coss	$V_{DS}=10V$ , $f=1MHz$		160		pF
Reverse Transfer Capacitance	Crss	$V_{DS}=10V$ , $f=1MHz$		88		pF
Turn-ON Delay Time	$t_{d(on)}$	See sepcified Test Circuit.		11		ns
Rise Time	$t_r$	See specified Test Circuit.		45		ns
Turn-OFF Delay Time	$t_{d(off)}$	See specified Test Circuit.		60		ns
Fall Time	$t_f$	See specified Test Circuit.		35		ns
Total Gate Charge	Qg	$V_{DS}=10V$ , $V_{GS}=10V$ , $I_D=5A$		16		nC
Gate-to-Source Charge	Qgs	$V_{DS}=10V$ , $V_{GS}=10V$ , $I_D=5A$		3.4		nC
Gate-to-Drain "Miller" Charge	Qgd	$V_{DS}=10V$ , $V_{GS}=10V$ , $I_D=5A$		2.4		nC
Diode Forward Voltage	$V_{SD}$	$I_S=6A$ , $V_{GS}=0V$		0.84	1.2	V

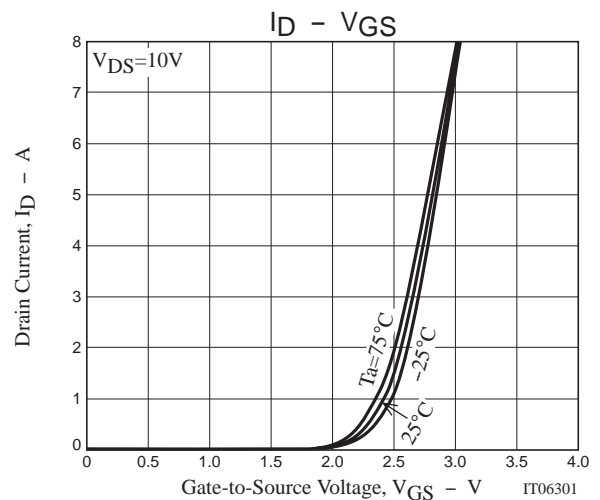
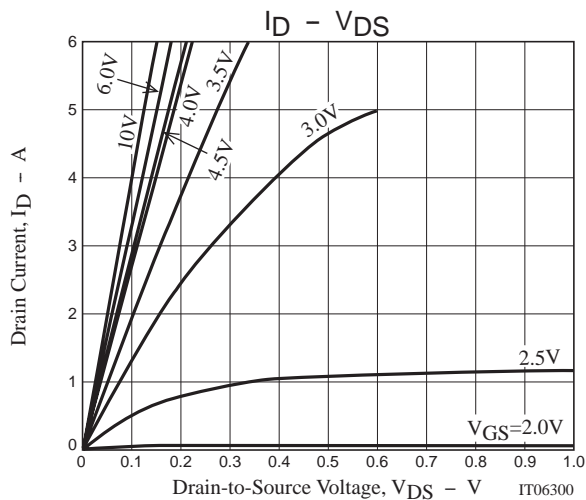
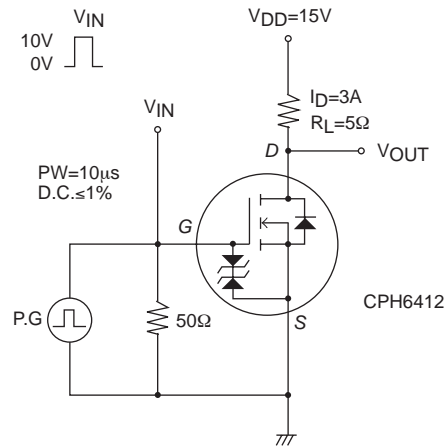
## Package Dimensions

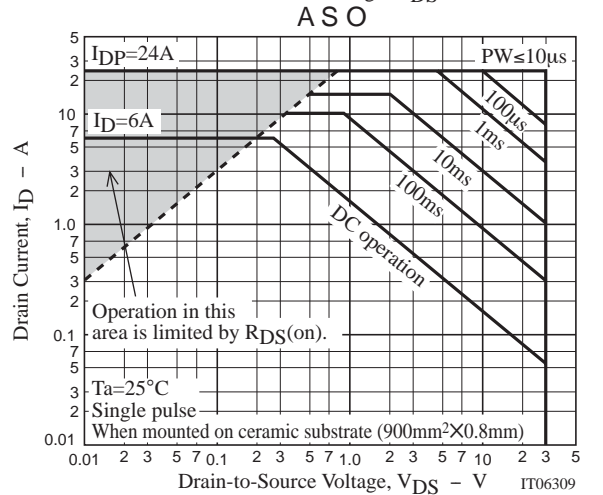
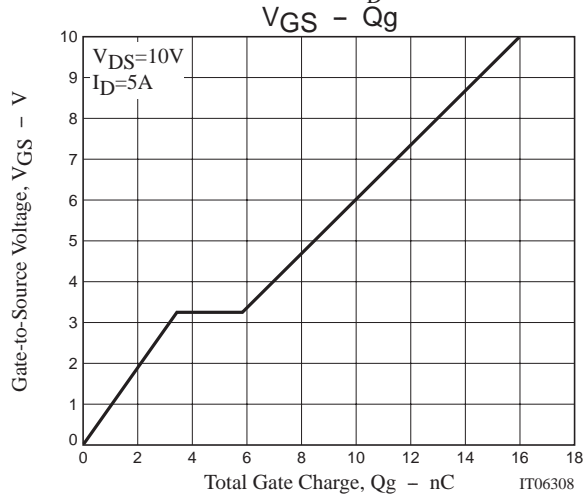
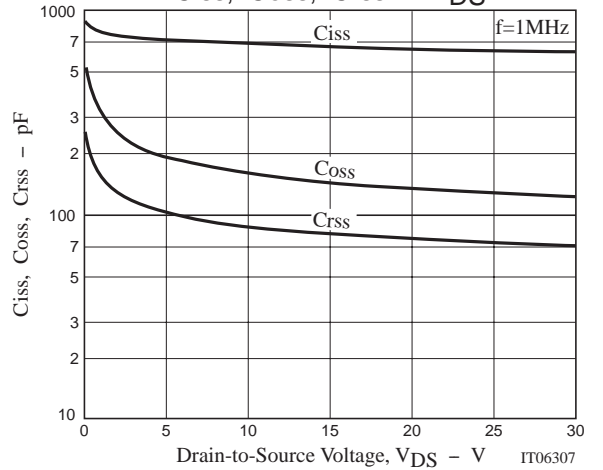
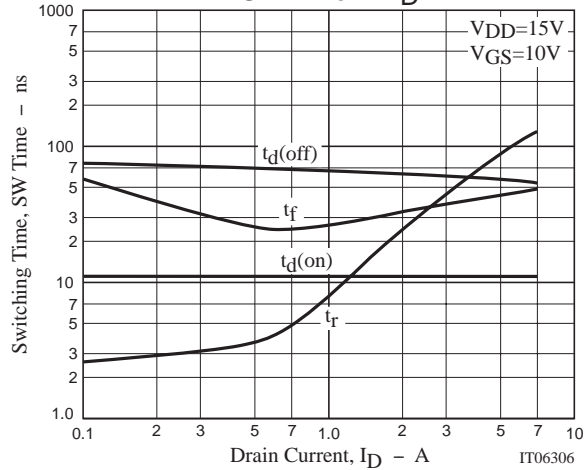
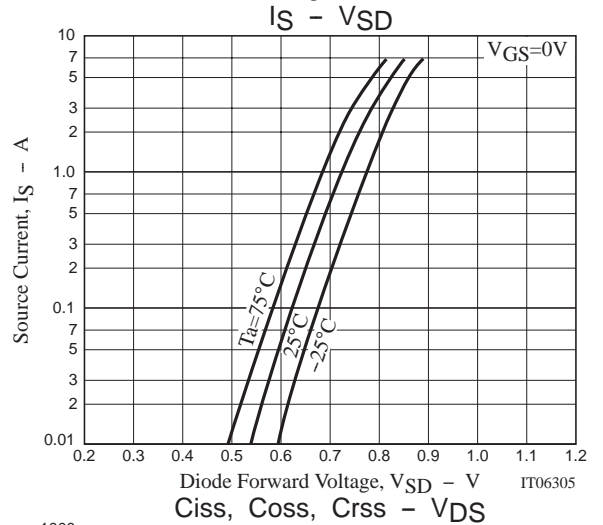
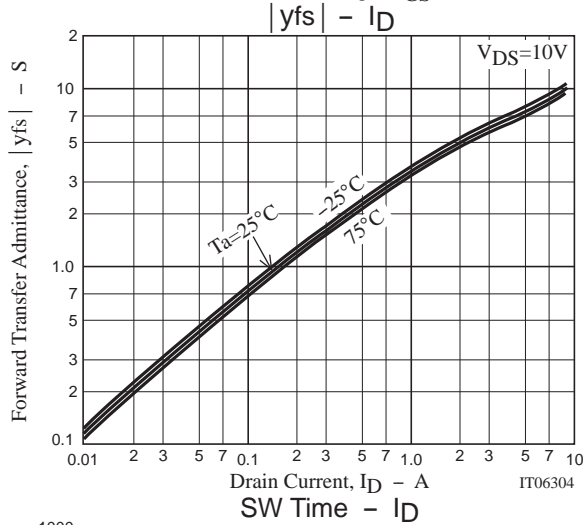
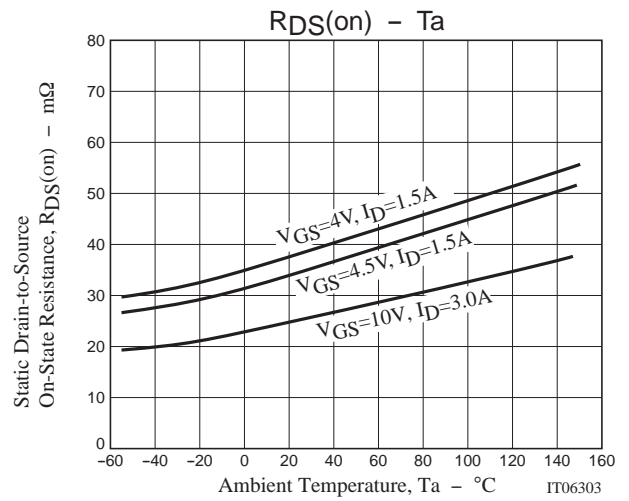
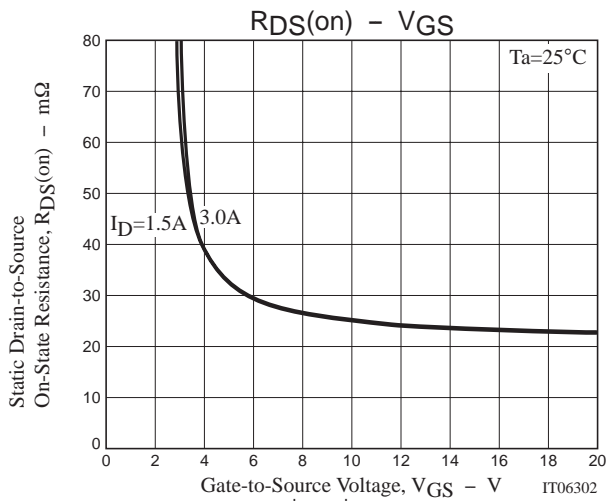
unit : mm (typ)

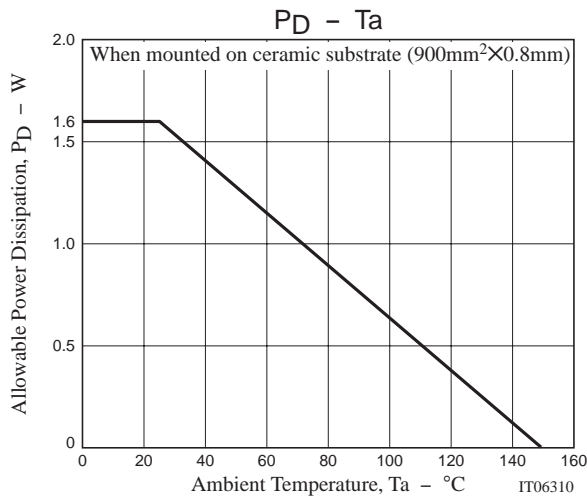
7018A-003



## Switching Time Test Circuit







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