

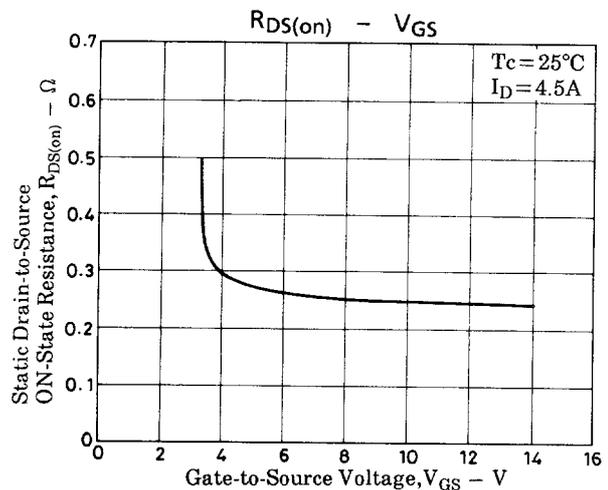
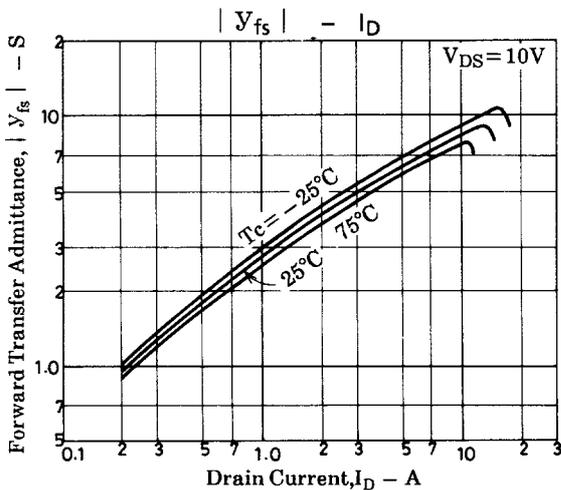
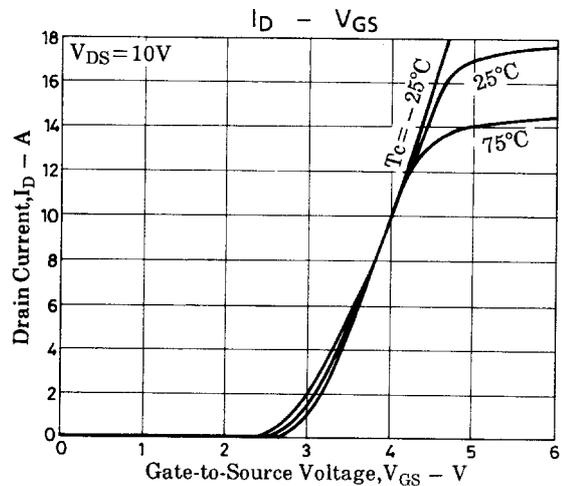
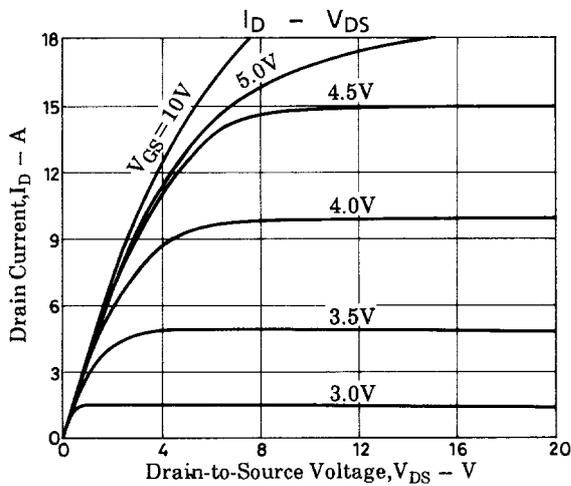
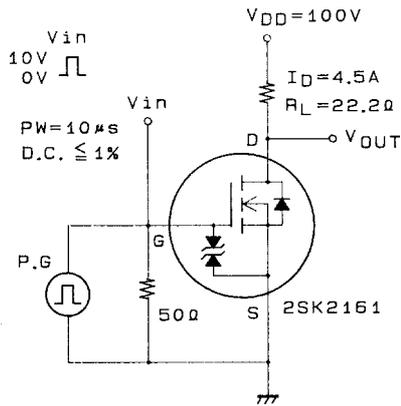


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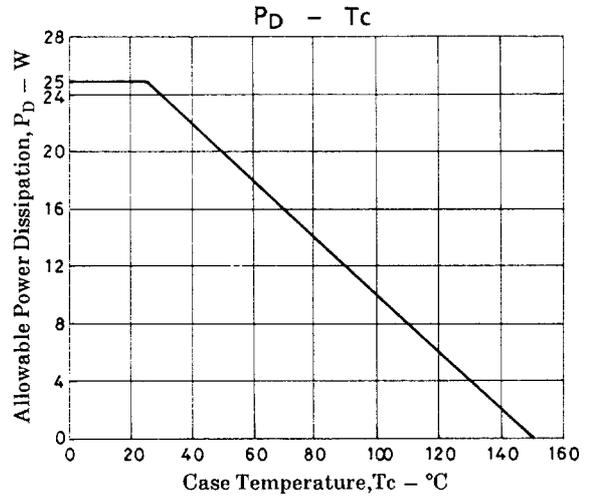
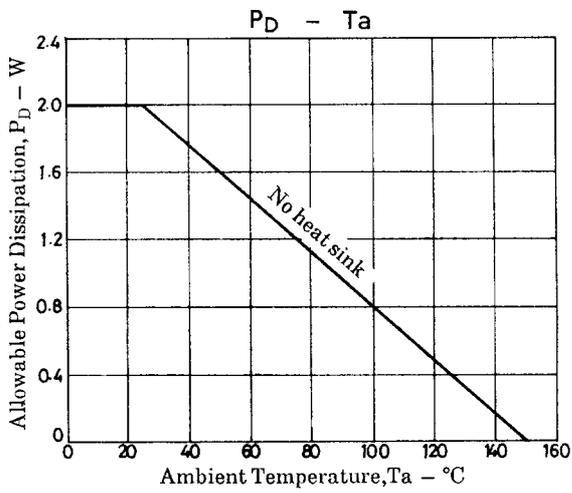
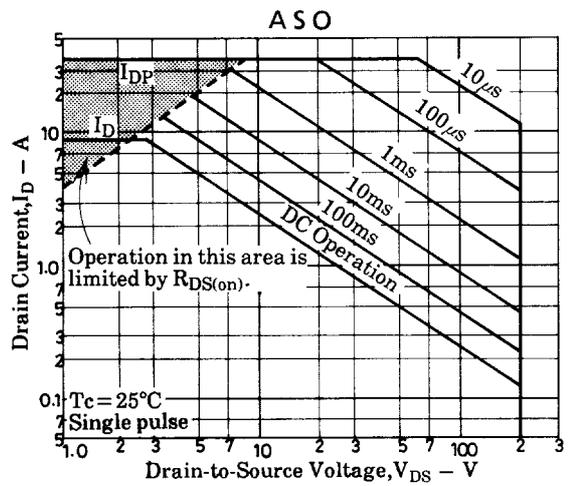
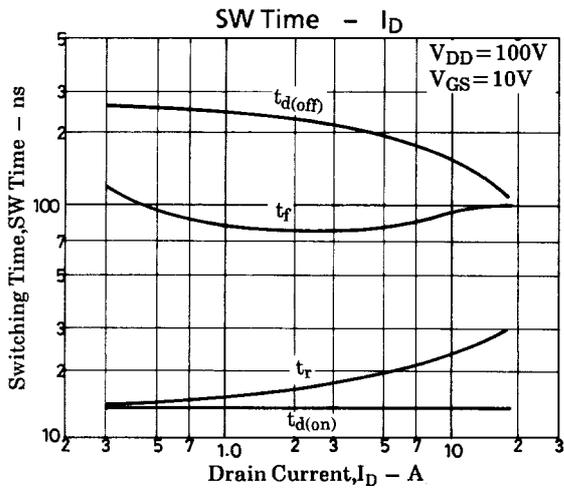
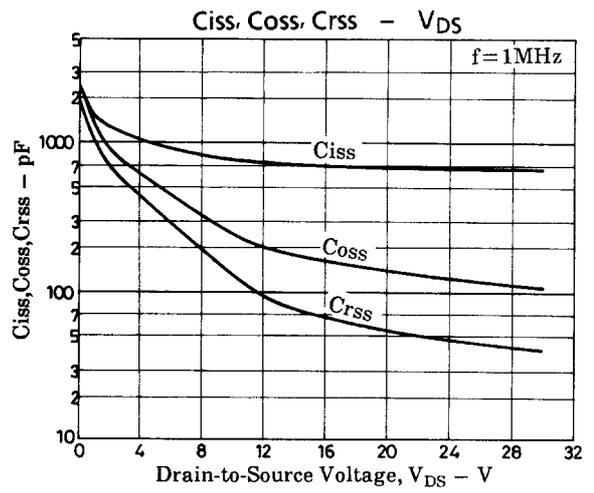
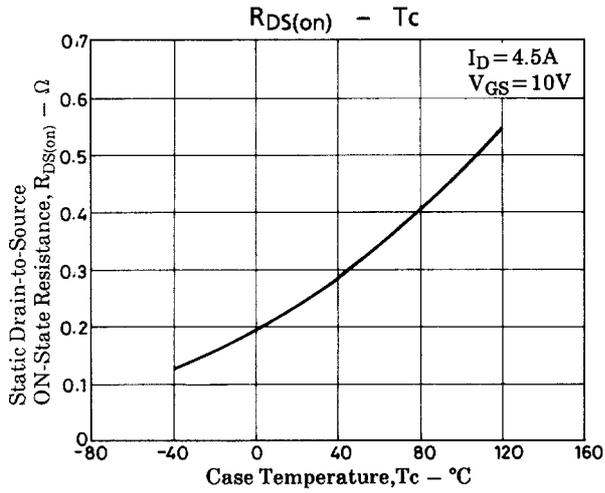
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Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Input Capacitance	$C_{iss}$	$V_{DS}=20V, f=1MHz$		700		pF
Output Capacitance	$C_{oss}$	$V_{DS}=20V, f=1MHz$		140		pF
Reverse Transfer Capacitance	$C_{rss}$	$V_{DS}=20V, f=1MHz$		55		pF
Turn-ON Delay Time	$t_{d(on)}$	See specified Test Circuit		14		ns
Rise Time	$t_r$	See specified Test Circuit		19		ns
Turn-OFF Delay Time	$t_{d(off)}$	See specified Test Circuit		200		ns
Fall Time	$t_f$	See specified Test Circuit		80		ns
Diode Forward Voltage	$V_{SD}$	$I_S=9A, V_{GS}=0$		1.0	1.5	V

## Switching Time Test Circuit



# 2SK2161



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