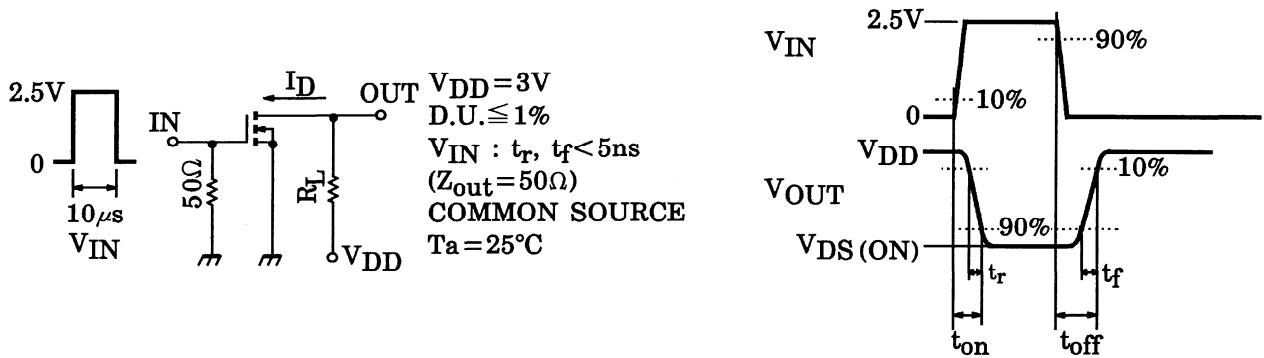
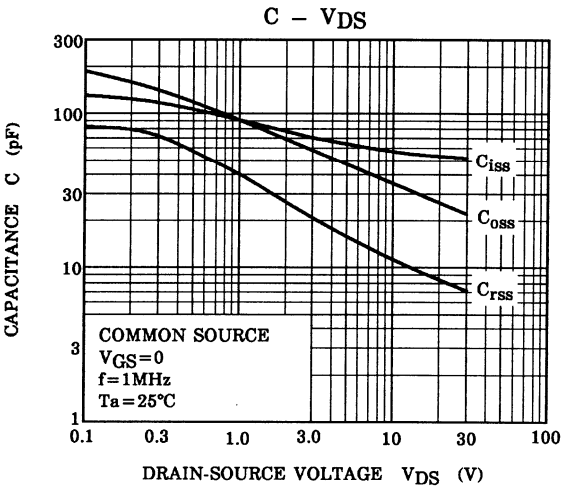
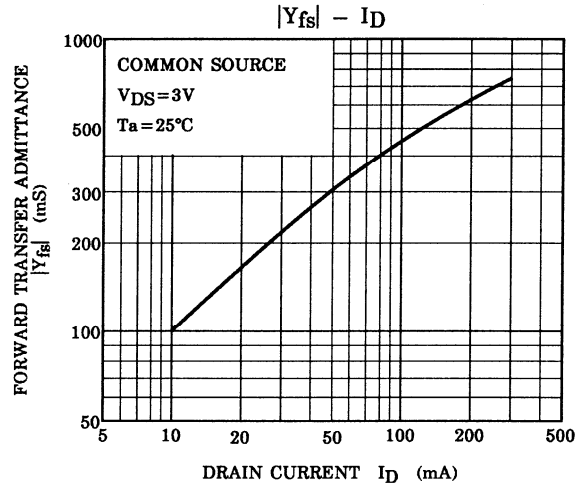
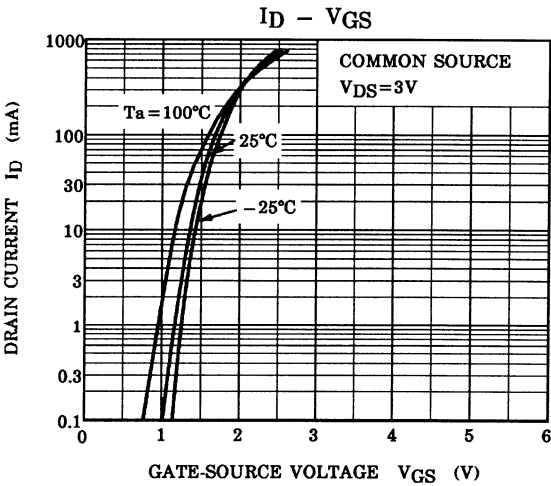
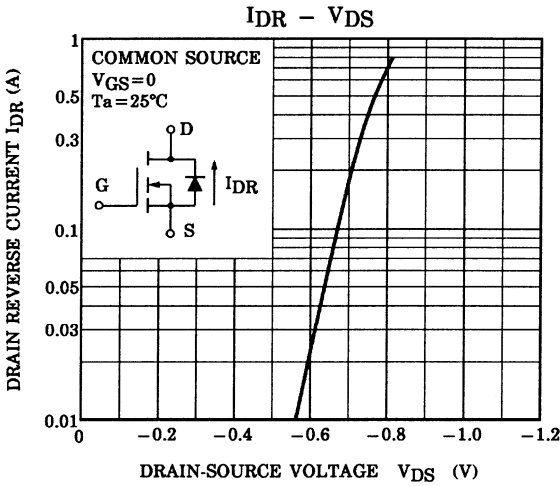
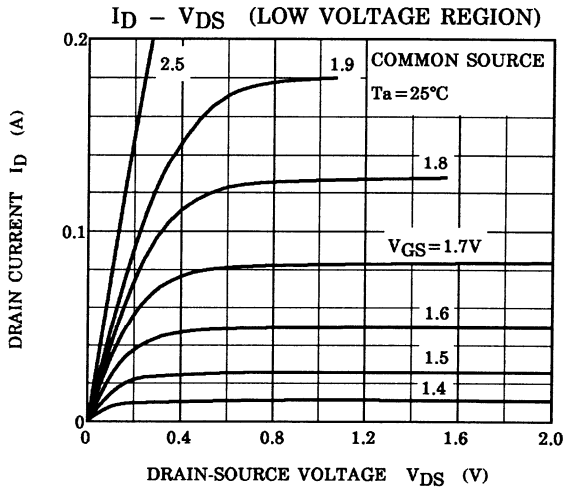
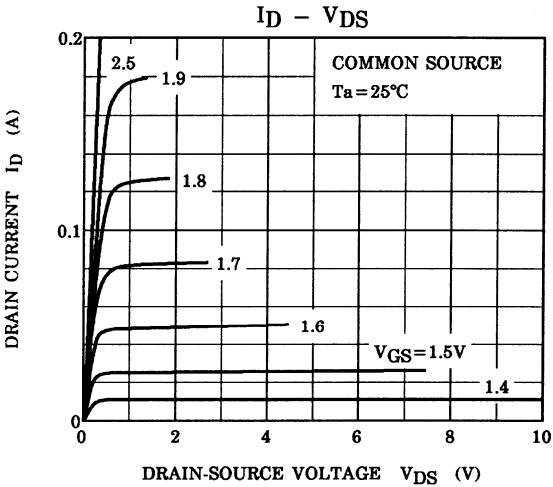


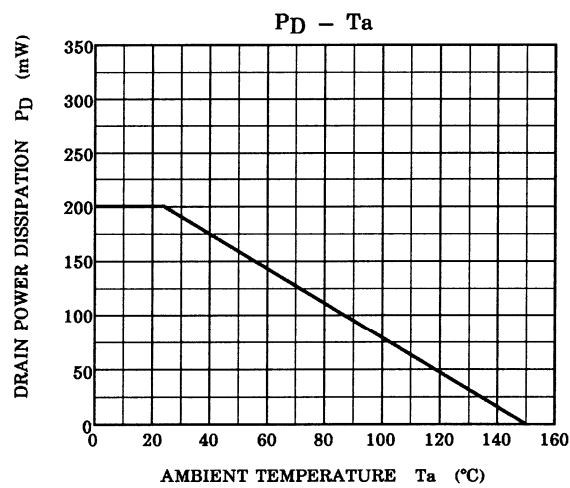
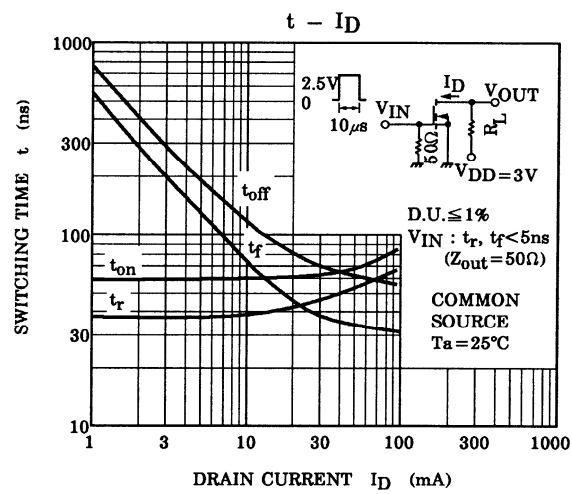
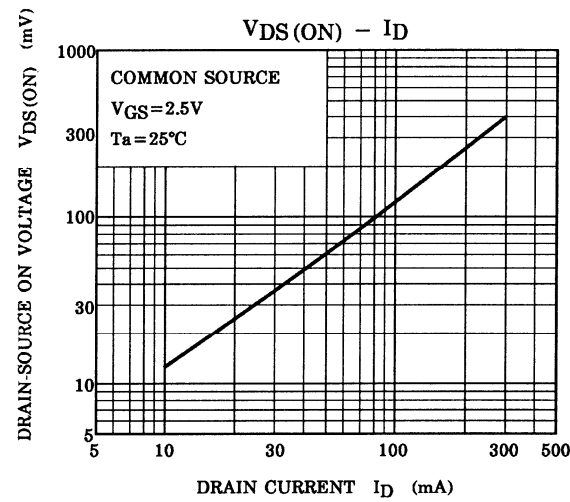
Electrical Characteristics (Ta = 25°C)

Characteristics	Symbol	Test Condition	Min	Typ.	Max	Unit
Gate leakage current	IGSS	VGS = ±10 V, VDS = 0	—	—	±0.1	μA
Drain-source breakdown voltage	V (BR) DSS	ID = 1 mA, VGS = 0	30	—	—	V
Drain cut-off current	IDSS	VDS = 30 V, VGS = 0	—	—	10	μA
Gate threshold voltage	Vth	VDS = 3 V, ID = 0.1 mA	0.5	—	1.5	V
Forward transfer admittance	Yfs	VDS = 3 V, ID = 50 mA	100	—	—	mS
Drain-source ON resistance	RDS (ON)	ID = 50 mA, VGS = 2.5 V	—	1.2	2	Ω
Input capacitance	Ciss	VDS = 3 V, VGS = 0, f = 1 MHz	—	70	—	pF
Reverse transfer capacitance	Crss	VDS = 3 V, VGS = 0, f = 1 MHz	—	23	—	pF
Output capacitance	Coss	VDS = 3 V, VGS = 0, f = 1 MHz	—	58	—	pF
Switching time	Turn-on time	t <sub>on</sub>	VDD = 3 V, ID = 10 mA, VGS = 0 to 2.5 V	—	0.06	μs
	Turn-off time	t <sub>off</sub>	VDD = 3 V, ID = 10 mA, VGS = 0 to 2.5 V	—	0.12	

Switching Time Test Circuit







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