

POWER MOS FIELD EFFECT TRANSISTORS

NTE Type Number	Description and Application	Case Style	Diag. Number	Drain to Source Breakdown Voltage (Volts)	Gate to Source Cutoff Voltage (Volts)	Gate to Source Breakdown Voltage (Volts)	Maximum Continuous Drain Current (Amps)	Static Drain to on Source Resistance (Ohms)	Input Capacitance (pf)	Forward Transconductance (mhos)	Device Total Power Dissipation @T _C =25°C (Watts)
				BV _{DSS}	V _{GS(Off)}	BV _{DSS}	I _D	r _{DS(On)}	C _{iss}	g _{fs}	P _D
66	N-CHANNEL Enhancement Mode High Speed Switch	TO220	11b	100 Min	4.5 Max	±20 Max	12	0.18 Max	1200 Max	3 Min	75 Max
				t _{d(off)} = 200ns, t _{d(on)} = 50ns, t _f = 100ns, t _r = 150ns							
67	N-CHANNEL Enhancement Mode High Speed Switch	TO220	11b	400 Min	4.5 Max	±20 Max	5.5	1 Max	1200 Max	3 Min	75 Max
				t _{d(off)} = 55ns, t _{d(on)} = 30ns, t _f = 35ns							
2375	N-CHANNEL Enhancement Mode High Speed Switch	TO247	582	100 Min	4.0 Max	±20 Max	41	0.055 Max	2800 Max	13Min	230 Max
				t _{d(off)} = 60ns, t _{d(on)} = 16ns, t _f = 81ns, t _r = 120ns							
2376	N-CHANNEL Enhancement Mode High Speed Switch	TO247	582	200 Min	4.0 Max	±20 Max	30	0.085 Max	2800 Max	12 Min	190 Max
				t _{d(off)} = 70ns, t _{d(on)} = 16ns, t _f = 62ns, t _r = 86ns							
2380	N-CHANNEL Enhancement Mode High Speed Switch (Compl to NTE2381)	TO220	11b	500 Min	4.5 Max	±20 Max	2	4 Max	500 Max	1 Min	75 Max
				t _{d(off)} = 60ns, t _{d(on)} = 40ns, t _f = 30ns, t _r = 60ns							
2381	P-CHANNEL Enhancement Mode High Speed Switch (Compl to NTE2380)	TO220	11b	500 Min	4.5 Max	±20 Max	2	6 Max	100 Max	0.5 Min	75 Max
				t _{d(off)} = 150ns, t _{d(on)} = 50ns, t _f = 50ns, t _r = 100ns							
2382	N-CHANNEL Enhancement Mode High Speed Switch (Compl to NTE2383)	TO220	11b	100 Min	4.5 Max	±20 Max	8	0.5 Max	400 Max	1.5 Min	75 Max
				t _{d(off)} = 50ns, t _{d(on)} = 50ns, t _f = 60ns, t _r = 120ns							
2383	P-CHANNEL Enhancement Mode High Speed Switch (Compl to NTE2382)	TO220	11b	100 Min	4.5 Max	±20 Max	8	0.4 Max	1200 Max	2 Min	75 Max
				t _{d(off)} = 200ns, t _{d(on)} = 80ns, t _f = 150ns, t _r = 150ns							
2384	N-CHANNEL Enhancement Mode High Speed Switch	TO3	1f	800 Min	4 Max	±20 Max	6	1.5 Max	5000 Max	4 Min	125 Max
				t _{d(off)} = 320ns, t _{d(on)} = 50ns, t _f = 100ns, t _r = 100ns							
2385	N-CHANNEL Enhancement Mode High Speed Switch	TO220	11b	500 Min	4 Max	±30 Max	9	0.8 Max	1800 Max	5 Min	150 Max
				t _{d(off)} = 250ns, t _{d(on)} = 40ns, t _f = 90ns, t _r = 90ns							
2386	N-CHANNEL Enhancement Mode High Speed Switch	TO3	1f	600 Min	4 Max	±20 Max	6.2	1.2 Max	1300 Typ	4.7 Min	125 Max
				t _{d(off)} = 65ns, t _{d(on)} = 1.3ns, t _f = 20ns, t _r = 18ns							
2387	N-CHANNEL Enhancement Mode High Speed Switch	TO220	11b	800 Min	4 Max	±30 Max	4	3 Max	1250 Max	3 Min	125 Max
				t _{d(off)} = 150ns, t _{d(on)} = 25ns, t _f = 60ns, t _r = 40ns							
2388	N-CHANNEL Enhancement Mode High Speed Switch	TO220	11b	200 Min	4 Max	±20 Max	18	0.18 Max	1600 Max	6 Min	125 Max
				t _{d(off)} = 80ns, t _{d(on)} = 30ns, t _f = 60ns, t _r = 60ns							
2389	N-CHANNEL Enhancement Mode High Speed Switch	TO220	11b	60 Min	2.5 Max	±20 Max	35	0.056 Max	2700 Max	10 Min	60 Max
				t _{d(off)} = 350ns, t _{d(on)} = 6ns, t _f = 150ns, t _r = 60ns							
2390	N-CHANNEL Enhancement Mode High Speed Switch	TO220	11b	60 Min	4.5 Max	±20 Max	12	0.2 Max	400 Max	4 Min	75 Max
				t _{d(off)} = 80ns, t _{d(on)} = 60ns, t _f = 110ns, t _r = 160ns							

See Diagrams, beginning on Page 1-42