



TMOS Power MOSFETs

Logic Level Power MOSFETs

Logic level MOSFETs are fully enhanced with 5 volts applied to the gate.

Table 8 — N-Channel Logic Level Power MOSFETs (TO-204AA and TO-220AB)

V_{DS} (Volts) Min	$R_{DS(on)}$ (Ohms) Max	@ I_D (Amps)	Device	I_D (cont) Amps	P_D^* (Watts) Max
100	0.16	6	MTP12N10EL	12	75
			MTA11N10EL	11	40
	0.077	9	MTP25N10EL	25	125
			MTA18N10EL	18	50
80	0.3	2.5	MTD5N08L	5	1.75**
	0.135	7.5	MTP15N08EL	15	75
60	0.18	6	MTD3055EL	10	1.75**
			MTP3055EL	12	40
	0.05	15	MTP30N06EL	30	75
			MTP50N06EL	50	150

* $T_C = 25^\circ C$
 ** Power rating when mounted on an FR-4 glass epoxy printed circuit board with the minimum pad size recommended
 *** Add -1 Suffix to part number to order insertion mountable package
 Indicates that Isolated TO-220 devices are UL Recognized