



TMOS Power MOSFETs

Plastic Packages — TO-218AC

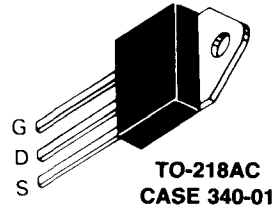


Table 6 — P-Channel

V _{(BR)DSS} (Volts) Min	r _{DS(on)} @ I _D (Ohms) (Amps) Max		Device	I _D (cont) Amps	P _D * (Watts) Max
	0.7	4			
200	0.7	4	MTH8P20	8	125
180			MTH8P18		
100	0.15	10	MTH20P10	20	

* @ 25°C
Shaded devices are preferred devices and are recommended for new designs.

V _{(BR)DSS} (Volts) Min	r _{DS(on)} @ I _D (Ohms) (Amps) Max		Device	I _D (cont) Amps	P _D * (Watts) Max
	0.15	10			
80	0.15	10	MTH20P08	20	125
60			MTH25P06		
50			MTH25P05		

Table 7 — N-Channel

	V _{(BR)DSS} (Volts) Min	r _{DS(on)} @ I _D (Ohms) (Amps) Max		Device	I _D (cont) Amps	P _D * (Watts) Max
		2	3			
NEW	1000	2	3	MTH6N100	6	150
		3	2.5	MTH5N100	5	
	950			MTH5N95		
NEW	900	1.8	4	MTH8N90	8	170
		3	3	MTH6N90	6	
	850			MTH6N85		
NEW	800	1.5	3.8	BUZ355		125
		600	1.2	3	MTH6N60	
		0.5	4	MTH8N60	8	
	550	1.2	3	MTH6N55	6	
		0.5	4	MTH8N55	8	
NEW	500	0.8	3.5	MTH7N50	7	
		0.6	6	BUZ330	9.5	125
		0.4	7	MTH13N50	13	150
	450	0.8	3.5	MTH7N45	7	
		0.4	7	MTH13N45	13	
	400	0.55	4	MTH8N40	8	
		0.3	7.5	MTH15N40	15	

* @ 25°C
Bold Type indicates new product.
Shaded devices are preferred devices and are recommended for new designs.

	V _{(BR)DSS} (Volts) Min	r _{DS(on)} @ I _D (Ohms) (Amps) Max		Device	I _D (cont) Amps	P _D * (Watts) Max
		0.55	4			
	350	0.55	4	MTH8N35	8	150
		0.3	7.5	MTH15N35	15	
NEW	250	0.14	15	MTH30N25	20	125
	200	0.16	7.5	MTH15N20	15	150
		0.08	15	MTH30N20	30	
	150	0.12	10	MTH20N15	20	
		0.06	17.5	MTH35N15	35	
	100	0.07	12.5	MTH25N10	25	
		0.04	20	MTH40N10	40	
	80	0.07	12.5	MTH25N08	25	
		0.04	20	MTH40N08	40	
	60	0.055	17.5	MTH35N06	35	
				MTH35N06E		
		0.028	20	MTH40N06	40	
NEW	50	0.055	17.5	MTH35N05	35	
				MTH40N05		
		0.028	20	MTH50N05E	50	125

Table 8 — N- and P-Channel Isolated TO-218

	V _{(BR)DSS} (Volts) Min	r _{DS(on)} @ I _D (Ohms) (Amps) Max		Device	I _D (cont) Amps	P _D * (Watts) Max
		0.4	7			
IEW	500	0.4	7	MTG9N50E	9	70
IEW	200	0.08	15	MTG20N20	20	
IEW	100	0.15	10	MTG15P10**	15	

* T_C = 25°C
** Indicates P-Channel
Bold Type indicates new product.

