

Plastic Packages — TO-220AB (continued)

Table 4 — N-Channel — continued

V(BR)DSS (Volts) Min	rDS(on) @ ID (Ohms) (Amps) Max		Device	ID (cont) Amps	PD* (Watts) Max		
550	1.2	3	MTP6N55	6	125		
500	8	0.5	MTP1N50	1	50		
	4	1	MTP2N50	2	75		
	3	1.5	IRF820	2.5	40		
			MTP3N50	3	75		
			IRF832	4			
			IRF830	4.5			
	1.5		MTP4N50	4			
			1.1	4	IRF842	7	125
			0.85		IRF840	8	
0.8		MTP8N50					
450	8	0.5	MTP1N45	1	50		
	4	1	MTP2N45	2	75		
			IRF823		40		
			IRF821	2.5			
	3	1.5	MTP3N45	3	75		
			2	2.5		IRF833	4
	1.5	2	MTP4N45				
			2.5	IRF831	4.5		
	1.1	4	IRF843	7	125		
	0.85		IRF841	8			
	0.8		MTP8N45				
400	5	1	MTP2N40	2	50		
	3.3	1.5	MTP3N40	3	75		
	2.5		IRF722	2.5	40		
	1.8		IRF720	3			
	1.5	3	IRF732	4.5	75		
	1		IRF730				
	0.55	2.5	MTP5N40	5		125	
			IRF740	10			
			MTP10N40				
350	5	1	MTP2N35	2	50		
	1.5	3	IRF733	4.5	75		
			IRF731	5.5			
	1	2.5	MTP5N35	5	125		
	0.55		5	IRF741		10	
			MTP10N35				
250	2	1	MTP2N25	2	50		

* @ 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	
250	0.45	5	MTP10N25	10	100	
200	2.4	1.25	IRF612	2	20	
	1.8	1	MTP2N20		50	
	1.5	1.25	IRF610	2.5	20	
	1		MTP5N20	5	75	
	0.8		IRF620		40	
	0.7	3.5	MTP7N20	7	75	
	0.6	5	IRF632	8		
	0.4		IRF630	9		
		4	MTP8N20	8		
		3.5	BUZ73	7	40	
		0.35	6	MTP12N20	12	100
		0.22	10	IRF642	16	125
		0.18		IRF640	18	
	150	0.8	2.5	IRF621	4	40
0.4		5	IRF631	9	75	
0.3			MTP10N15	10		
0.25		7.5	MTP15N15	15	100	
0.22		10	IRF643	16	125	
0.18			IRF641	18		
120	0.3	5	MTP10N12	10	75	
	0.9	2.5	MTP5N12	5	50	
	1.2	1.5	MTP3N12	3		
100	0.8	3	MTP6N10	6		
		2	IRF512	3.5	20	
	0.6		IRF510	4		
	0.5	4	MTP8N10	8	75	
			MTP8N10E			
	0.4		IRF522	7	40	
	0.33	5	MTP10N10	10	75	
	0.3	4	IRF520	8	40	
	0.25	5	MTP10N10E	10	75	
		8	IRF532	12		
	0.18			IRF530		14
			6	MTP12N10	12	
	0.15	10	MTP20N10	20	100	
MTP20N10E						
0.11	15	IRF542	24	125		

* @ 25°C

Shaded devices are preferred devices and are recommended for new designs.