

Plastic Packages — TO-220AB (continued)

Table 4 — N-Channel — continued

V(BR)DSS (Volts) Min	rDS(on) @ ID (Ohms) (Amps)		Device	ID (cont) Amps	PD* (Watts) Max		
	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			
	2		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		
	3	1.5	IRF821	2.5			
			MTP3N45	3	75		
	2	2.5	IRF833	4			
	1.5	2	MTP4N45				
			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		
			IRF722	2.5	40		
	2.5		IRF720	3			
	1.5	3	IRF732	4.5	75		
			IRF730				
	1		MTP5N40	5			
0.55		IRF740	10	125			
		MTP10N40					
350	5	1	MTP2N35	2	50		
	1.5	3	IRF733	4.5	75		
			IRF731	5.5			
	1		MTP5N35	5			
	0.55	5	IRF741	10	125		
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	rDS(on) @ ID (Ohms) (Amps)		Device	ID (cont) Amps	PD* (Watts) Max	
	Max					
250	0.45	5	MTP10N25	10	100	
200	2.4	1.25	IRF612	2	20	
			MTP2N20		50	
	1.5	1.25	IRF610	2.5	20	
			MTP5N20	5	75	
			IRF620		40	
	1					
	0.8					
	0.7	3.5	MTP7N20	7	75	
	0.6	5	IRF632	8		
			IRF630	9		
	0.4		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		
			IRF512	3.5	20	
	0.6		IRF510	4		
			0.5	4	MTP8N10	8
			MTP8N10E			
	0.4		IRF522	7	40	
	0.33	5	MTP10N10	10	75	
	0.3	4	IRF520	8	40	
			0.25	5	MTP10N10E	10
	0.18	8	IRF532	12		
			IRF530	14		
		6	MTP12N10	12		
0.15	10	MTP20N10	20	100		
		MTP20N10E				
0.11	15	IRF542	24	125		

* @ 25°C
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