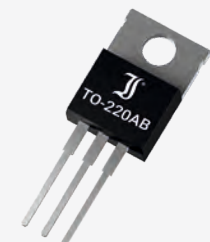
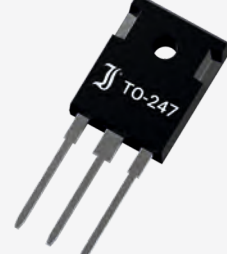
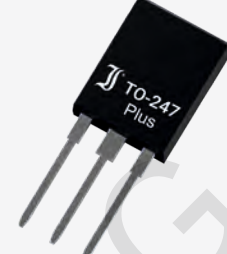


L x W [mm]		6.6 x 6	10.25 x 9	10.25 x 9	8.7 x 10.1	20.9 x 15.9	20.9 x 15.9	20.9 x 15.9	L x W [mm]		
		 TO-252AA D-PAK	TO-263AB D ² PAK	TO-263AB-6L D ² PAK-6L	TO-220AB	TO-247-3L	TO-247-PLUS	TO-247-4L Kelvin Source			
Power		 Pitch 2.3	 Pitch 5.08	 Pitch 1.27	 Pitch 2.54	 Pitch 5.46	 Pitch 5.46	 Pitch 5.46	Power		
		N channel	P channel	N channel	N channel	P channel	N channel	N channel			
V _{DS}									I _D		
		I _D 2.7 A ... 110 A	-22 A ... -77 A	7.5 ... 350 A	330 A	2.3 A ... 300 A	-74 A	12 A ... 85 A			
MOSFETs		30/40 DI030N03D1	DI040P04D1	DI170N04D2		DIT150N03		DIW085N06	TO-247-PLUS Has no mounting hole, allows for bigger die sizes. Clip assembly on heatsink. Lower thermal resistance.	60 V _{DS}	
		DI087N03D1	DI050P04D1	DI200N04D2	DI200N04AD2	DIT220N04 DIT300N04		DIW300N10			100
		DI100N04D1	DI064P04D1	DI260N04D2		DIT050N06 DIT074P05		DIW052N60K ▼			600
		60/80 DI020N06D1	DI068P04D1	DI110N06D2		DIT090N06		DIW012N65			650
		DI050N06D1	DI022P06D1			DIT184N06		DIW018N65			
		DI074N06D1K ▼	DI077P06D1			DIT072N08		DIW030N65K ▼		Nomenclature Power MOSFETs: DI X iii C vv YY DI = Diotec X = J - ITO-220AB T - TO-220AB W - TO-247-3L iii = I _{D(25°C)} in A C = N or P channel C - Complementary H - H-Bridge config. vv = V _{DS} /10 in V YY = D1 - D-PAK D2 - D2PAK PQ - QFN5x6 PT - QFN3x3 PW - QFN2x2 SQ - SO-8 TL - TOLL	Advantage of Kelvin Source: + Faster turn-on + Reduced switching losses + Lower risk of faulty turn-on + Higher reliability
		DI110N06D1				DIT080N08		DIW038N65K ▼			
		80 DI065N08D1				DIT095N08					
		100 DI017N10D1		DI056N10D2		DIT120N08					
		DI040N10D1		DI200N10D2		DIT195N08					
		DI054N10D1		DI350N10D2		DIT085N10				More MOSFETs see page Power MOS	
		DI060N10D1				DIT100N10					
		DI080N10D1				DIJ128N10 ¹⁾					
		150/250 DI024N15D1		DI097N15D2		DIT015N25					
		150..500 DI014N25D1		DI198N15D2		DIT004N50 ¹⁾ in isolated ITO-220					
DI015N25D1		DI064N20D2		DIT005N60							
600 DI1A0N60D1				DIJ2A3N65 ¹⁾							
DI1A5N60D1				DIJ4A5N65 ¹⁾							
DI5A0N60D1				DID3A2N65 ²⁾ ²⁾ in TO-251							
650 DI5A7N65D1K ▼		DI7A5N65D2K ▼									
DI018N65D1		DI015N65D2									
700 DI2A7N70D1K ▼											
800 DI2A2N80D1											
1200		DI3A0N120D2									
		Products in bold are available in AEC-Q101 qualified version – add suffix -AQ –									
1700											
	</										