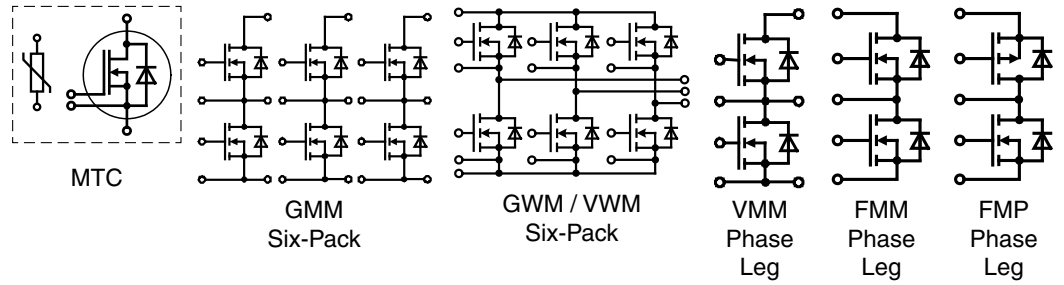
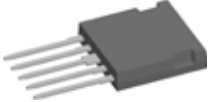
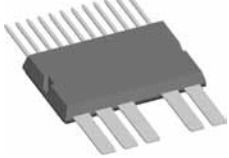





MOSFET Modules

Trench MOSFET Technology

- very low R_{DSon}
- fast body diode



Part Type	V_{DSS}	I_{D25} $T_C = 25^\circ C$	I_{D90} $T_C = 90^\circ C$	R_{DSon} typ. $T_J = 25^\circ C$	t_r	t_f	R_{thJC}	Fig. No.	Package style Outline drawings on pages O-29...O-51	
◇ under development	V	A	A	mΩ	ns	ns	K/W			
Single high current Switch with NTC										
◇ MTC 500I40TGD	40	700	520	0.90	*	*	*	X026d		
◇ MTC 480I55TGD	55	640	480	1.00	*	*	*			
◇ MTC 900I55TGD		1100	870	0.55	*	*	*			
◇ MTC 420I75TGD	75	550	420	1.30	*	*	*			
Phase Leg Configuration										
VMM 1500-0075X2	75	1560	1240	0.38 max.	1680	720	0.08	X130a		
➤ FMM 150-0075X2F		120	*	5.8	18	15	0.88	X024a		
➤ FMP 76-01T ①	±100	-54 / 62	*	24 / 11	45	25	0.95/1.4			
➤ FMM 60-02TF	200	33	*	40	46	42	1.0			
➤ FMM 50-025TF	250	30	*	50	25	25	1.0			
① high side switch: p-channel; low side switch: n-channel * in progress										
Six-Pack Configuration										
VWM 270-0075X2	75	270	under development							
➤ GWM 180-004X2-SL	40	180	136	1.9	240	170	1.00	X026a		
➤ GWM 180-004X2-SMD								X026c		
GWM 160-0055X1-SL	55	160	120	2.7	125 *	120 *	0.90	X026a		
GWM 160-0055X1-SMD								X026c		
GWM 120-0075X1-SL	75	110	85	4.0	100 *	100 *	1.00	X026a	X026d	
GWM 120-0075X1-SMD								X026c		
➤ GWM 100-0085X1-SMD	85	contact factory							X026c	
GWM 100-01X1-SL	100	90	68	7.5	95 *	55 *	0.90	X026a		
GWM 100-01X1-SMD								X026c		
➤ GMM 3x180-004X2-SMD	40	180	136	1.9	240	170	1.00	X026d		
GMM 3x160-0055X2-SMD	55	150	115	2.2	110 *	100 *	1.00			
GMM 3x120-0075X2-SMD	75	110	85	4.0	100 *	100 *	1.00			
➤ GMM 3x150-0075X2-SMD	75	under development								
➤ GMM 3x100-01X1-SMD	100	90	68	7.5	95 *	55 *	0.90			
➤ GMM 3x60-015X2-SMD	150	57	45	17			1.00			
* inductive load										