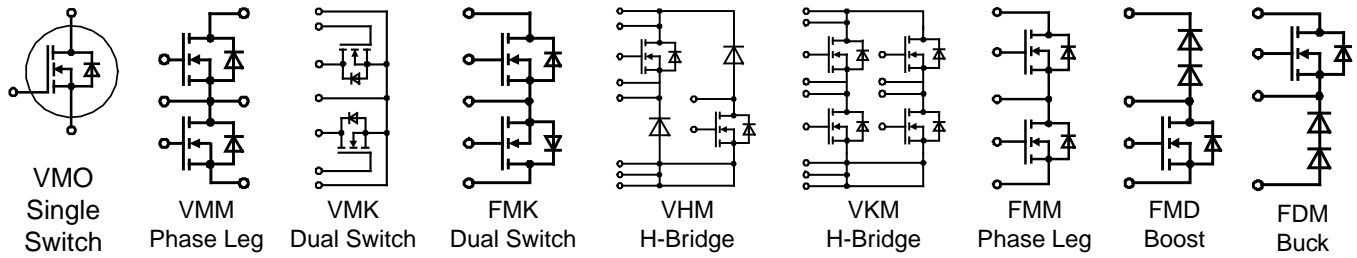


# MOSFET Modules



Suffix „F“ = HiPerFET™ Technology with Fast Intrinsic Diode

Part Type	V <sub>DSS</sub>	I <sub>D25</sub> T <sub>C</sub> = 25°C	I <sub>D80</sub> T <sub>C</sub> = 80°C	R <sub>DSon</sub> typ. T <sub>J</sub> = 25°C	t <sub>r</sub>	t <sub>f</sub>	R <sub>thJC</sub>	NTC	Fig. No.	Package style Outline drawings on pages O-30...O-52
➤ New	V	A	A	mΩ	ns	ns	K/W			
<b>Single Switch Modules</b>										
VMO 550-01F	100	590	not recommended for new designs						X128d	X024a <b>ISOPLUS i4-PAC™</b> Weight = 6 g
VMO 650-01F		690						X128d		
VMO 1200-01F		1245	930	1.35	200	500	0.039	X130d		
VMO 580-02F	200	580	not recommended for new designs						X130d	X102 <b>ECO-PAC2</b> Weight = 24 g
VMO 1600-02P		1900	1600	1.40			0.03	X130d		
VMO 60-05F	500	60	not recommended for new designs					X125f		
<b>Dual Switch Modules – Common Source Configuration</b>										
VMK 165-007T	70	165	not recommended for new designs						X125a	X125a <b>TO-240AA</b> Weight = 90 g
FMK 75-01F	100	75	50 / 90°C	21	60	60	0.5	X024a		
VMK 90-02T2	200	84	not recommended for new designs					X125a		
<b>MOSFET Modules – Phase Leg Configuration</b>										
FMM 75-01F	100	75	50 / 90°C	21	60	60	0.5		X024a	X125g <b>TO-240AA</b> Weight = 90 g
VMM 650-01F		680	not recommended for new designs						X130e	
VMM 45-02F	200	45							X125g	
VMM 85-02F		84							X127a	
VMM 300-03F	300	290							X128a	
VMM 90-09F	900	85	65	76	140	180	0.08		X130e	X125f <b>TO-240AA</b> Weight = 90 g
<b>MOSFET Modules – H Bridge Configuration</b>										
VHM 40-06P1*	600	38	25/90°C	70	10	95	0.45		X102	X125g <b>TO-240AA</b> Weight = 90 g
VKM 60-01P1	100	75	60	25	60	60	0.5			
VKM 40-06P1*	600	38	25	70	10	95	0.45			
<b>MOSFET Modules – Boost Configuration</b>										
FMD 21-05QC	500	21	15 / 90°C	180	16	30	1.5		X024a	X127a <b>Y4-M5</b> Weight = 150 g
FMD 40-06KC *	600	38	25 / 90°C	60	contact factory					
➤ FMD 15-06KC5 *		15		165	under development					
➤ FMD 47-06KC5 *		47	32 / 90°C	40	under development					
<b>MOSFET Modules – Buck Configuration</b>										
➤ FDM 15-06KC5 *	600	15		165	under development				X024a	
➤ FDM 47-06KC5 *		47		45	under development					

\* CoolMOS™ is a trademark of Infineon Technologies

X130d  
Weight = 250 g

Y3



X130e  
Weight = 250 g

Y3



X128a  
Weight = 250 g

Y3



X128d  
Weight = 250 g

Y3

