

• • • SiC SBD Discretes • • •



TO-247-2L

Part Number	V_{RRM} (V)	$I_{F(AV)}$ (A)	V_f (V)	Package Outline
MM20S120B	1200	20	1.40	TO-247-2L
MM20SH120B	1200	20	1.44	TO-247-2L
MM40S120B	1200	40	1.40	TO-247-2L
MM40SH120B	1200	40	1.41	TO-247-2L

• • • SiC MOSFET Discretes • • •



TO-247-4L



TO-263-7L

Part Number	V_{DSS} (V)	I_D (A)	$R_{ds(on)}$ (m Ω)	Package Outline
MML30N3S120BK	1200	65	30	TO-247-4L
MML13N3S120BK	1200	149	13	TO-247-4L
MML30N3S120SJ	1200	75	30	TO-263-7L



Renewable Energy Power Devices

Version 2026

MACMIC

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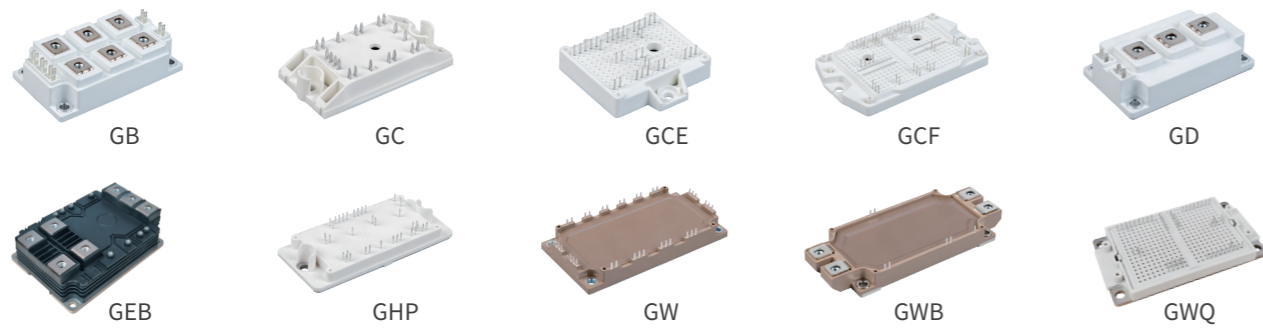


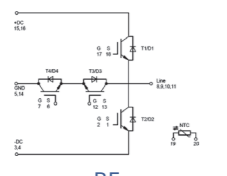
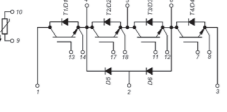
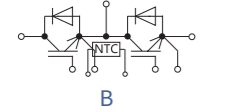
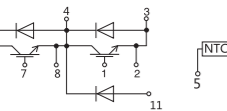
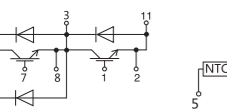
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• • • IGBT Modules • • •



Circuit	Part Number	V _{CE(sat)} min. (V)	I _c TC=65-110°C (A)	V _{CE(sat)} typ. (V)	R _{thJC} max. (K/W)	Package Outline
	MMG80C120BF_Y1	1200	80	1.90	0.50	GC
	MMG150B065PD6TC	650	150	1.55	0.34	GB
	MMG500W120PD6T7	1200	500	1.67	0.107	GW
	MMG500W120PD6T7H	1200	500	1.67	0.107	GW
	MMG450WB120B6TC	1200	450	1.85	0.065	GWB
	MMG450WB170B6TC	1700	450	2.00	0.053	GWB
	MMG600WB120B6T6	1200	600	1.70	0.051	GWB
	MMG600WB170B6T6	1700	600	1.70	0.039	GWB
	MMG800WB120B6T6	1200	800	1.80	0.04	GWB
	MMG800WB120B6T7_W11	1200	800	1.50	0.039	GWB
	MMG300WB120TLB6TC	1200	300	1.80	0.10	GWB
	MMG300WB120TLA6TC	1200	300	1.80	0.10	GWB
	MMG150CE065PD6T6	650	150	1.40	0.40	GCE
	MMG200CE065PD6T5	650	200	1.50	0.32	GCE
	MMG200CE065PD6T5S	650	200	1.50	0.32	GCE
	MMG800D120B6T7	1200	800	1.60	0.051	GD
	MMG200WQ100BT6T7H	1000	200	1.60	0.279	GWQ
	MMG450WQ120PD6T7	1200	450	1.55	0.107	GWQ
	MMG450WQ120PD6T7H	1200	450	1.60	0.107	GWQ
	MMG560WQ120BF6T7	1200	560	1.58	0.09	GWQ
	MMG560WQ120BF6T7S	1200	560	1.50	0.09	GWQ
	MMG600WQ100PD6T7	1000	600	1.80	0.097	GWQ
	MMG600WQ100PD6T7H	1000	600	1.80	0.097	GWQ
	MMG1200EB230B6T7	2300	1200	1.90	0.0185	GEB

• • • IGBT Discretes • • •



Part Number	V _{CE(s)} (V)	I _c (A)	V _{CE(sat)} (V)	Package Outline
MM40G3U65B	650	40	1.75	TO-247-3L
MM40G3U65BN	650	40	1.75	TO-247-3L
MM75G3T65B	650	75	1.45	TO-247-3L
MM60G3U65B	650	60	1.55	TO-247-3L
MM75G5U65BX	650	75	1.65	TO-247-3L
MM100G5T65B	650	100	1.50	TO-247-3L
MM75G5U65BKX	650	75	1.65	TO-247-4L
MM75G5T65BX	650	75	1.70	TO-247-3L
MM120G3T65BM	650	120	1.60	TO-247Plus-3L
MM50G7U75BK	750	50	1.45	TO-247 LP-4L
MM75G7U75BK	750	75	1.45	TO-247 LP-4L
MM100G7U75BK	750	100	1.45	TO-247 LP-4L
MM120G7U75ZA	750	120	1.45	TO-247 Plus-4L
MM160G7U75ZA	750	160	1.45	TO-247 Plus-4L
MM200G7U75ZA	750	200	1.45	TO-247 Plus-4L
MM15G3T120B	1200	15	1.85	TO-247-3L
MM25G3T120B	1200	25	1.80	TO-247-3L
MM25G3U120BX	1200	25	2.15	TO-247-3L
MM40G3U120B	1200	40	1.90	TO-247-3L
MM40G3T120B	1200	40	1.90	TO-247-3L
MM40G3U120BX	1200	40	1.90	TO-247-3L
MM140G7U120BKM	1200	140	1.60	TO-247Plus-4L
MM50G3T120BM	1200	50	1.80	TO-247Plus-3L
MM140G8U140ZA	1400	140	1.60	TO-247 Plus-4L
MM50G3U120BMX	1200	50	1.95	TO-247Plus-3L
MM75G5U120BM	1200	75	1.70	TO-247Plus-3L
MM75G5U120BKM	1200	75	1.70	TO-247Plus-4L