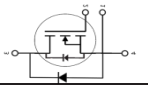
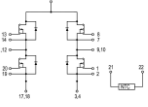
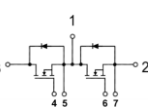
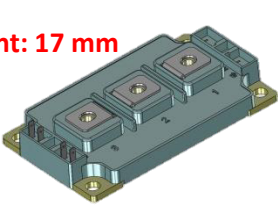


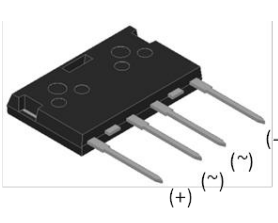
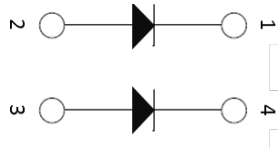
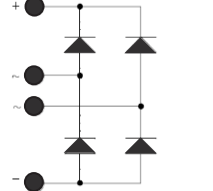
SiC MOSFET Power Modules **NEW**

Part Number	$V_{DS}[V]$	$I_D[A]$ @ $T_j=150^{\circ}C$	Typical $R_{DS_ON}[m\Omega]$	Q_g [nC]	Package Type	Topology
GCMS020A120S1-E1	1200	60	20	230	SOT-227	
GCMS012A120S1-E1	1200	100	12.5	360	SOT-227	
GCMS080A120B1H1	1200	20	80	49	B1_Flow0	
GCMS040A120B1H1	1200	40	40	115	B1_Flow0	
GCMS020A120B1H1	1200	80	20	230	B1_Flow0	
GCMS010A120S7B1*	1200	160	10	460	S7_62mm	
GCMS007A120S7B1*	1200	240	6.8	690	S7_62mm	
GCMS004A120S7B1*	1200	360	4.2	1074	S7_62mm	

SOT-227 Copack	B1_Flow0 Full Bridge	S7_62mm Half Bridge
		 Height: 17 mm

SiC SBD Power Modules **NEW**

Part Number	$V_{RR}[V]$	$I_F[A]$ @ $T_j=150^{\circ}C$	Typical $V_F[V]$ @ I_F	Q_c [nC]	Package Type	Topology
GHXS040A170S-D3	1700	40	1.55	234	SOT-227	Parallel
GHXS060A170S-D3*	1700	60	1.55	350	SOT-227	Parallel
GHXS010A120A2-D1	1200	10	1.60	43	EXT TO-247-4L	Rec. Bridge
GHXS015A120A2-D1	1200	15	1.60	65	EXT TO-247-4L	Rec. Bridge
GHXS020A120A2-D1	1200	20	1.60	86	EXT TO-247-4L	Rec. Bridge

SOT-227 Parallel	EXT TO-247-4L (Isolated) Rectifier Bridge *
	
	

* Under Development

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E-mail: customersupport@gptechgroup.com

Web site: www.gptechgroup.com

Contact

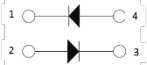
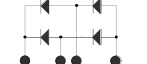
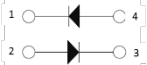
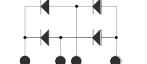
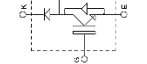
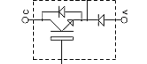
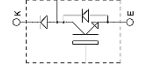
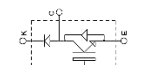
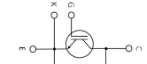
Michael Di Gangi

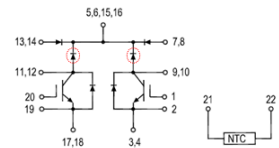
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mdigangi@gptechgroup.com

SiC SBD and Hybrid Power Modules in Production

Part Number	$V_{RR}[V]$	$I_{CE}[A]$ @ $T_J=150^{\circ}C$	$I_F[A]$ @ $T_J=150^{\circ}C$	Typical $V_F[V]$ @ I_F	Q_c [nC]	Package Type	Topology
GHXS010A060S-D3	600		10	1.5	25	SOT-227	
GHXS020A060S-D3	600		20	1.5	50	SOT-227	
GHXS030A060S-D3	600		30	1.5	75	SOT-227	
GHXS050A060S-D3	600		50	1.5	100	SOT-227	
GHXS010A060S-D4	600		10	1.5	25	SOT-227	
GHXS020A060S-D4	600		20	1.5	50	SOT-227	
GHXS030A060S-D4	600		30	1.5	75	SOT-227	
GHXS050A060S-D4	600		50	1.5	100	SOT-227	
GHXS010A060S-D1/D1E	600		10	1.5	25	SOT-227	
GHXS020A060S-D1/D1E	600		20	1.5	50	SOT-227	
GHXS030A060S-D1/D1E	600		30	1.5	75	SOT-227	
GHXS015A120S-D3	1200		15	1.5	52	SOT-227	
GHXS030A120S-D3	1200		30	1.5	105	SOT-227	
GHXS045A120S-D3	1200		45	1.5	156	SOT-227	
GHXS060A120S-D3	1200		60	1.5	208	SOT-227	
GHXS015A120S-D4	1200		15	1.5	52	SOT-227	
GHXS030A120S-D4	1200		30	1.5	105	SOT-227	
GHXS045A120S-D4	1200		45	1.5	156	SOT-227	
GHXS060A120S-D4	1200		60	1.5	208	SOT-227	
GHXS015A120S-D1/D1E	1200		15	1.5	52	SOT-227	
GHXS030A120S-D1/D1E	1200		30	1.5	105	SOT-227	
GHXS045A120S-D1/D1E	1200		45	1.5	156	SOT-227	
GHIS040A060S-A1	600	40	24	1.5	50	SOT-227	
GHIS060A060S-A1	600	60	36	1.5	75	SOT-227	
GHIS080A060S-A1	600	80	48	1.5	100	SOT-227	
GHIS040A060S-A2	600	40	24	1.5	50	SOT-227	
GHIS060A060S-A2	600	60	36	1.5	75	SOT-227	
GHIS080A060S-A2	600	80	48	1.5	100	SOT-227	
GHIS030A120S-A1	1200	30	15	1.5	52	SOT-227	
GHIS040A120S-A1	1200	40	30	1.5	105	SOT-227	
GHIS060A120S-A1	1200	60	30	1.5	105	SOT-227	
GHIS080A120S-A1	1200	80	45	1.5	156	SOT-227	
GHIS030A120S-A2	1200	30	15	1.5	52	SOT-227	
GHIS040A120S-A2	1200	40	30	1.5	105	SOT-227	
GHIS060A120S-A2	1200	60	30	1.5	105	SOT-227	
GHIS080A120S-A2	1200	80	45	1.5	156	SOT-227	
GHIS025A120A1-E1*	1200	25	8	1.6	35	TO-247-4L	
GHIS080A060S1-E1	600	80	48	1.5	100	SOT-227	
GHIS060A120S1-E1	1200	60	30	1.5	105	SOT-227	
GHIS080A120S1-E1*	1200	80	60	1.5	210	SOT-227	
GHIS100A120S1-E1	1200	100	100	1.5	315	SOT-227	
GHIS030A120B1A3*	1200	50	30	1.5	105	B1A3_Flow0	
GHIS040A120B1A3*	1200	50	40	1.6	172	B1A3_Flow0	Hybrid Dual Boost

SOT-227	TO-247-4L	B1A3 Dual Boost
		
		

* Engineering Sample Development Stage

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