



Sie benötigen mehr Informationen?

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Manufacturer	Standard Partnumber Supplier	Package	Package Category	Voltage class (V)	Current ID (A)	Topology	Technology	Mounting
SilverMicro	GT10FF120C6H	C6	Module	1200	10	Full bridge(Six-pack)	Field Stop Trench Gate IGBT	Solder Pin
	GT10PI120B2H	B2	Module	1200	10	PIM (power Integrated)	Field Stop Trench Gate IGBT	Solder Pin
	GT10RFF120B2H	B2	Module	1200	10	Full bridge with rectifier	Field Stop Trench Gate IGBT	Solder Pin
	GT10PI120B2FH	B2	Module	1200	10	PIM (power Integrated)	Field Stop Trench Gate IGBT	Solder Pin
	GT10PI120B3H	B3	Module	1200	10	PIM (power Integrated)	Field Stop Trench Gate IGBT	Solder Pin
	GT15PI120C6H	C6	Module	1200	15	PIM (power Integrated)	Field Stop Trench Gate IGBT	Solder Pin
	GT15PI120B2H	B2	Module	1200	15	PIM (power Integrated)	Field Stop Trench Gate IGBT	Solder Pin
	GT15PI120B3H	B3	Module	1200	15	PIM (power Integrated)	Field Stop Trench Gate IGBT	Solder Pin
	GT15PI120C7H	C7	Module	1200	15	PIM (power Integrated)	Field Stop Trench Gate IGBT	Solder Pin
	GT15RFF120B2H	B2	Module	1200	15	Full bridge with rectifier	Field Stop Trench Gate IGBT	Solder Pin
	GT15FF120C6H	C6	Module	1200	15	Full bridge(Six-pack)	Field Stop Trench Gate IGBT	Solder Pin
	SMGW15H120AD	TO247	Discrete	1200	15	Single	Field Stop Trench Gate IGBT	Solder Pin
	GT25PI120C7H	C7	Module	1200	25	PIM (power Integrated)	Field Stop Trench Gate IGBT	Solder Pin
	GT15PI120B2FH	B2	Module	1200	25	PIM (power Integrated)	Field Stop Trench Gate IGBT	Solder Pin
	GT25FF120A1H-C	A1	Module	1200	25	Six-pack	Field Stop Trench Gate IGBT	Solder Pin
	GT25PI120B9H	B9	Module	1200	25	PIM (power Integrated)	Field Stop Trench Gate IGBT	Solder Pin
	GT25PI120C6H	C6	Module	1200	25	PIM (power Integrated)	Field Stop Trench Gate IGBT	Solder Pin
	GT25PI120T5H	T5	Module	1200	25	PIM (power Integrated)	Field Stop Trench Gate IGBT	Solder Pin
	SMGW25H120AD	TO247	Discrete	1200	25	Single	Field Stop Trench Gate IGBT	Solder Pin
	GT25FB120A1H	A1	Module	1200	25	Seven-pack (chopper+Full bridge)	Field Stop Trench Gate IGBT	Solder Pin
	GT25FF120B3H	B3	Module	1200	25	Full bridge(Six-pack)	Field Stop Trench Gate IGBT	Solder Pin
	GT25PI120B2H	B2	Module	1200	25	PIM (power Integrated)	Field Stop Trench Gate IGBT	Solder Pin
	GT25PI120T5H-T4	T5	Module	1200	25	PIM (power Integrated)	Field Stop Trench Gate IGBT	Solder Pin
	RD42RCU180C6H	C6	Module	1200	25	(chopper with rectifier)	(chopper with rectifier)	Solder Pin
	GT35FF120C6H	C6	Module	1200	35	Full bridge(Six-pack)	Field Stop Trench Gate IGBT	Solder Pin
	GT40PI120C7H	C7	Module	1200	40	PIM (power Integrated)	Field Stop Trench Gate IGBT	Solder Pin
	GT10PI120C6H	C6	Module	1200	40	PIM (power Integrated)	Field Stop Trench Gate IGBT	Solder Pin
	GT40FB120A1H	A1	Module	1200	40	Seven-pack (chopper+Full bridge)	Field Stop Trench Gate IGBT	Solder Pin
	GT40FF120A1H	A1	Module	1200	40	Full bridge(Six-pack)	Field Stop Trench Gate IGBT	Solder Pin
	GT40FF120B3H	B3	Module	1200	40	Full bridge(Six-pack)	Field Stop Trench Gate IGBT	Solder Pin
	GT40PI120B9H	B9	Module	1200	40	PIM (power Integrated)	Field Stop Trench Gate IGBT	Solder Pin
	GT40PI120T5H	T5	Module	1200	40	PIM (power Integrated)	Field Stop Trench Gate IGBT	Solder Pin
	GT40PI120T5H-T4	T5	Module	1200	40	PIM (power Integrated)	Field Stop Trench Gate IGBT	Solder Pin
	GT40RFF120T6H	T6	Module	1200	40	Seven-pack (chopper+Full bridge)	Field Stop Trench Gate IGBT	Solder Pin
	SMGW40H120AD	TO247	Discrete	1200	40	Single	Field Stop Trench Gate IGBT	Solder Pin
	GT40FB120T5H	T5	Module	1200	40	Seven-pack (chopper+Full bridge)	Field Stop Trench Gate IGBT	Solder Pin
	GT40FF120B9H	B9	Module	1200	40	Full bridge(Six-pack)	Field Stop Trench Gate IGBT	Solder Pin
	GT40FF120C7H	C7	Module	1200	40	Full bridge(Six-pack)	Field Stop Trench Gate IGBT	Solder Pin
	GT40FF120T5H	T5	Module	1200	40	Full bridge(Six-pack)	Field Stop Trench Gate IGBT	Solder Pin
	RD75RCU180C6H	C6	Module	1200	40	(chopper with rectifier)	(chopper with rectifier)	Solder Pin
	GT50PI120T5H	T5	Module	1200	50	PIM (power Integrated)	Field Stop Trench Gate IGBT	Solder Pin
	GT50PI120T5H-T4	T5	Module	1200	50	PIM (power Integrated)	Field Stop Trench Gate IGBT	Solder Pin
	GT50PI120T6H	T6	Module	1200	50	PIM (power Integrated)	Field Stop Trench Gate IGBT	Solder Pin
	GT50PI120T6H-T4	T6	Module	1200	50	PIM (power Integrated)	Field Stop Trench Gate IGBT	Solder Pin
	GT75FF120B9H	B9	Module	1200	75	Full bridge(Six-pack)	Field Stop Trench Gate IGBT	Solder Pin
	GT75FF120T5H	T5	Module	1200	75	Full bridge(Six-pack)	Field Stop Trench Gate IGBT	Solder Pin
	GT75FF120T6H	T6	Module	1200	75	Full bridge(Six-pack)	Field Stop Trench Gate IGBT	Solder Pin
	GT75PI120T6H	T6	Module	1200	75	PIM (power Integrated)	Field Stop Trench Gate IGBT	Solder Pin
	GT75PI120T6H-T4	T6	Module	1200	75	PIM (power Integrated)	Field Stop Trench Gate IGBT	Solder Pin
	GT100FF120T6H	T6	Module	1200	100	Full bridge(Six-pack)	Field Stop Trench Gate IGBT	Solder Pin
	GT100PI120T6H	T6	Module	1200	100	PIM (power Integrated)	Field Stop Trench Gate IGBT	Solder Pin
	GT150CZ120T6H	T6	Module	1200	150		Field Stop Trench Gate IGBT	Solder Pin
	GT150FF120T6H	T6	Module	1200	150	Full bridge(Six-pack)	Field Stop Trench Gate IGBT	Solder Pin
	GT150HF120T2VH	T2V (62mm)	Module	1200	150	Half bridge	Field Stop Trench Gate IGBT	Solder Pin
	GT150PI120T6H	T6	Module	1200	150	PIM (power Integrated)	Field Stop Trench Gate IGBT	Solder Pin
	GT200FF120A8H	A8	Module	1200	200	Full bridge(Six-pack)	Field Stop Trench Gate IGBT	Solder Pin
	GT200FF120T6H	T6	Module	1200	200	Full bridge(Six-pack)	Field Stop Trench Gate IGBT	Solder Pin
	GT200HF120A5H	A5 (45mm)	Module	1200	200	Half bridge	Field Stop Trench Gate IGBT	Solder Pin
	GT200HF120T2VH	T2V (62mm)	Module	1200	200	Half bridge	Field Stop Trench Gate IGBT	Solder Pin
	GT300HF120T2VH	T2V (62mm)	Module	1200	300	Half bridge	Field Stop Trench Gate IGBT	Solder Pin
	GT300HF120T9H	T9	Module	1200	300	Half bridge	Field Stop Trench Gate IGBT	Solder Pin
	GT300TL120A8H	A8	Module	1200	300	Three level (1 type)	Field Stop Trench Gate IGBT	Solder Pin
	GT300TT120A8H	A8	Module	1200	300	Three level (T type)	Field Stop Trench Gate IGBT	Solder Pin
	GT400HF120T2NH	T2N (62mm)	Module	1200	400	Half bridge	Field Stop Trench Gate IGBT	Solder Pin
	GT400TT120A8H	A8	Module	1200	400	Three level (T type)	Field Stop Trench Gate IGBT	Solder Pin
	GT450CE120T2NH	T2N (62mm)	Module	1200	450	Common Emitter	Field Stop Trench Gate IGBT	Solder Pin
	GT450HF120A4H	A4 (80mm)	Module	1200	450	Half bridge	Field Stop Trench Gate IGBT	Solder Pin
	GT450HF120T2NH	T2N (62mm)	Module	1200	450	Half bridge	Field Stop Trench Gate IGBT	Solder Pin
	GT450HF120T9H	T9	Module	1200	450	Half bridge	Field Stop Trench Gate IGBT	Solder Pin
	GT600HF120A4H	A4 (80mm)	Module	1200	600	Half bridge	Field Stop Trench Gate IGBT	Solder Pin
	GT600HF120T9H	T9	Module	1200	600	Half bridge	Field Stop Trench Gate IGBT	Solder Pin



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Manufacturer	Standard Partnumber Supplier	Package	Package Category	Voltage class (V)	RDS(on) (mOhm)	Current ID (A)	Topology	Technology	Mounting
SemiQ	GCMX005A120S7B1	S7	Module	1200	5	348	Half Bridge	Planar Gate SiC MOSFET	Solder Pin
	GCMX005A120B3B1P	B3	Module	1200	5	383	Half Bridge	Planar Gate SiC MOSFET	Solder Pin
	GCMX010A120B2B1P	B2	Module	1200	9	214	Half Bridge	Planar Gate SiC MOSFET	Solder Pin
	GCMX010A120B3B1P	B3	Module	1200	10	173	Half Bridge	Planar Gate SiC MOSFET	Solder Pin
GeneSiC	G3R12MT12K	TO-247-4	discrete	1200	12	111	Single	Trench-assisted Planar Gate SiC MOSFET	Solder Pin
SemiQ	GCMS020B120S1-E1	SOT-227	Module	1200	18	113	Copack	Planar Gate SiC MOSFET	Screw Type
	GCMX020B120S1-E1	SOT-227	Module	1200	18	113	Single	Planar Gate SiC MOSFET	Screw Type
SemiQ	GCMX020A120B3H1P	B3	Module	1200	18	93	Full Bridge	Planar Gate SiC MOSFET	Solder Pin
SemiQ	GCMX020A120B2H1P	B2	Module	1200	18	102	Full Bridge	Planar Gate SiC MOSFET	Solder Pin
SemiQ	GP2T020A120H	TO-247-4	Discrete	1200	18	119	Single	Planar Gate SiC MOSFET	Solder Pin
SemiQ	GCMX020A120B2B1P	B2	Module	1200	19	102	Half Bridge	Planar Gate SiC MOSFET	Solder Pin
GeneSiC	G3R20MT12K	TO-247-4	Discrete	1200	20	71	Single	Trench-assisted Planar Gate SiC MOSFET	Solder Pin
GeneSiC	G3R20MT12N	SOT-227	Discrete	1200	20	64	Single	Trench-assisted Planar Gate SiC MOSFET	Solder Pin
GeneSiC	G3R20MT17K	TO-247-4	Discrete	1700	20	67	Single	Trench-assisted Planar Gate SiC MOSFET	Solder Pin
GeneSiC	G3R20MT17N	SOT-227	Discrete	1700	20	60	Single	Trench-assisted Planar Gate SiC MOSFET	Solder Pin
GeneSiC	G3F20MT12J	TO-263-7	Discrete	1200	20	87	Single	Trench-assisted Planar Gate SiC MOSFET	SMD
GeneSiC	G3F20MT12K	TO-247-4	Discrete	1200	20	77	Single	Trench-assisted Planar Gate SiC MOSFET	Solder Pin
GeneSiC	G3F25MT06L	TOLL	Discrete	650	25	TBD	Single	Trench-assisted Planar Gate SiC MOSFET	SMD
GeneSiC	G3F25MT06J	TO-263-7	Discrete	650	25	70	Single	Trench-assisted Planar Gate SiC MOSFET	SMD
GeneSiC	G3F25MT06K	TO-247-4	Discrete	650	25	64	Single	Trench-assisted Planar Gate SiC MOSFET	Solder Pin
GeneSiC	G3R30MT12J	TO-263-7	Discrete	1200	30	60	Single	Trench-assisted Planar Gate SiC MOSFET	SMD
GeneSiC	G3R30MT12K	TO-247-4	Discrete	1200	30	50	Single	Trench-assisted Planar Gate SiC MOSFET	Solder Pin
GeneSiC	G3F33MT06L	TOLL	Discrete	650	33	TBD	Single	Trench-assisted Planar Gate SiC MOSFET	SMD
GeneSiC	G3F33MT06J	TO-263-7	Discrete	650	33	55	Single	Trench-assisted Planar Gate SiC MOSFET	SMD
GeneSiC	G3F33MT06K	TO-247-4	Discrete	650	33	50	Single	Trench-assisted Planar Gate SiC MOSFET	Solder Pin
SemiQ	GCMX040B120S1-E1	SOT-227	Module	1200	37	57	Single	Planar Gate SiC MOSFET	Screw Type
SemiQ	GCMS040B120S1-E1	SOT-227	Module	1200	37	57	Copack	Planar Gate SiC MOSFET	Screw Type
SemiQ	GP2T040A120J	TO-263-7	Discrete	1200	37	63	Single	Planar Gate SiC MOSFET	SMD
SemiQ	GP2T040A120U	TO-247-3	Discrete	1200	37	63	Single	Planar Gate SiC MOSFET	Solder Pin
SemiQ	GP2T040A120H	TO-247-4	Discrete	1200	37	63	Single	Planar Gate SiC MOSFET	Solder Pin
SemiQ	GCMX040A120B3H1P	B3	Module	1200	38	53	Full Bridge	Planar Gate SiC MOSFET	Solder Pin
SemiQ	GCMX040A120B2H1P	B2	Module	1200	38	56	Full Bridge	Planar Gate SiC MOSFET	Solder Pin
GeneSiC	G3R40MT12J	TO-263-7	Discrete	1200	40	47	Single	Trench-assisted Planar Gate SiC MOSFET	SMD
GeneSiC	G3R40MT12D	TO-247-3	Discrete	1200	40	45	Single	Trench-assisted Planar Gate SiC MOSFET	Solder Pin
GeneSiC	G3R40MT12K	TO-247-4	Discrete	1200	40	39	Single	Trench-assisted Planar Gate SiC MOSFET	Solder Pin
GeneSiC	G3F40MT12J	TO-263-7	Discrete	1200	40	48	Single	Trench-assisted Planar Gate SiC MOSFET	SMD
GeneSiC	G3F40MT12K	TO-247-4	Discrete	1200	40	43	Single	Trench-assisted Planar Gate SiC MOSFET	Solder Pin
GeneSiC	G3R45MT17D	TO-247-3	Discrete	1700	45	37	Single	Trench-assisted Planar Gate SiC MOSFET	Solder Pin
GeneSiC	G3R45MT17K	TO-247-4	Discrete	1700	45	33	Single	Trench-assisted Planar Gate SiC MOSFET	Solder Pin
GeneSiC	G3F45MT06L	TOLL	Discrete	650	45	TBD	Single	Trench-assisted Planar Gate SiC MOSFET	SMD
GeneSiC	G3F45MT06D	TO-247-3	Discrete	650	45	37	Single	Trench-assisted Planar Gate SiC MOSFET	SMD
GeneSiC	G3F45MT06J	TO-263-7	Discrete	650	45	40	Single	Trench-assisted Planar Gate SiC MOSFET	SMD
GeneSiC	G3F45MT06K	TO-247-4	Discrete	650	45	37	Single	Trench-assisted Planar Gate SiC MOSFET	Solder Pin
GeneSiC	G2R50MT33K	TO-247-4	Discrete	3300	50	44	Single	Trench-assisted Planar Gate SiC MOSFET	Solder Pin
GeneSiC	G3R60MT07J	TO-263-7	Discrete	750	60	44	Single	Trench-assisted Planar Gate SiC MOSFET	SMD
GeneSiC	G3R60MT07D	TO-247-3	Discrete	750	60	43	Single	Trench-assisted Planar Gate SiC MOSFET	Solder Pin
GeneSiC	G3R60MT07K	TO-247-4	Discrete	750	60	37	Single	Trench-assisted Planar Gate SiC MOSFET	Solder Pin
GeneSiC	G3F60MT06L	TOLL	Discrete	650	60	TBD	Single	Trench-assisted Planar Gate SiC MOSFET	SMD
GeneSiC	G3F60MT06D	TO-247-3	Discrete	650	60	30	Single	Trench-assisted Planar Gate SiC MOSFET	Solder Pin
GeneSiC	G3F60MT06J	TO-263-7	Discrete	650	60	32	Single	Trench-assisted Planar Gate SiC MOSFET	SMD
GeneSiC	G3F60MT06K	TO-247-4	Discrete	650	60	30	Single	Trench-assisted Planar Gate SiC MOSFET	Solder Pin
GeneSiC	G3R75MT12J	TO-263-7	Discrete	1200	75	27	Single	Trench-assisted Planar Gate SiC MOSFET	SMD
GeneSiC	G3R75MT12D	TO-247-3	Discrete	1200	75	26	Single	Trench-assisted Planar Gate SiC MOSFET	Solder Pin
GeneSiC	G3R75MT12K	TO-247-4	Discrete	1200	75	22	Single	Trench-assisted Planar Gate SiC MOSFET	Solder Pin
GeneSiC	G3F75MT12J	TO-263-7	Discrete	1200	75	28	Single	Trench-assisted Planar Gate SiC MOSFET	SMD
GeneSiC	G3F75MT12K	TO-247-4	Discrete	1200	75	25	Single	Trench-assisted Planar Gate SiC MOSFET	Solder Pin
SemiQ	GCMX080A120B2H1P	B2	Module	1200	77	27	Full Bridge	Planar Gate SiC MOSFET	Solder Pin
SemiQ	GCMS080B120S1-E1	SOT-227	Module	1200	77	30	Copack	Planar Gate SiC MOSFET	Screw Type
SemiQ	GCMX080B120S1-E1	SOT-227	Module	1200	77	30	Single	Planar Gate SiC MOSFET	Screw Type
SemiQ	GP2T080A120U	TO-247-3	Discrete	1200	77	35	Single	Planar Gate SiC MOSFET	Solder Pin
SemiQ	GP2T080A120H	TO-247-4	Discrete	1200	77	35	Single	Planar Gate SiC MOSFET	Solder Pin
SemiQ	GP2T080A120J	TO-263-7	Discrete	1200	77	35	Single	Planar Gate SiC MOSFET	SMD
GeneSiC	G2R120MT33J	TO-263-7	Discrete	3300	120	24	Single	Trench-assisted Planar Gate SiC MOSFET	SMD
GeneSiC	G3R160MT12J	TO-263-7	Discrete	1200	160	14	Single	Trench-assisted Planar Gate SiC MOSFET	SMD
GeneSiC	G3R160MT12D	TO-247-3	Discrete	1200	160	13	Single	Trench-assisted Planar Gate SiC MOSFET	Solder Pin
GeneSiC	G3R160MT17J	TO-263-7	Discrete	1700	160	13	Single	Trench-assisted Planar Gate SiC MOSFET	SMD
GeneSiC	G3R160MT17D	TO-247-3	Discrete	1700	160	12	Single	Trench-assisted Planar Gate SiC MOSFET	Solder Pin
GeneSiC	G3R350MT12J	TO-263-7	Discrete	1200	350	7	Single	Trench-assisted Planar Gate SiC MOSFET	SMD
GeneSiC	G3R350MT12D	TO-247-3	Discrete	1200	350	7	Single	Trench-assisted Planar Gate SiC MOSFET	Solder Pin
GeneSiC	G3R450MT17J	TO-263-7	Discrete	1700	450	5	Single	Trench-assisted Planar Gate SiC MOSFET	SMD
GeneSiC	G3R450MT17D	TO-247-3	Discrete	1700	450	5	Single	Trench-assisted Planar Gate SiC MOSFET	Solder Pin
GeneSiC	G2R1000MT17J	TO-263-7	Discrete	1700	1000	3	Single	Trench-assisted Planar Gate SiC MOSFET	SMD
GeneSiC	G2R1000MT17J	TO-263-7	Discrete	1700	1000	3	Single	Trench-assisted Planar Gate SiC MOSFET	SMD
GeneSiC	G2R1000MT17D	TO-247-3	Discrete	1700	1000	3	Single	Trench-assisted Planar Gate SiC MOSFET	Solder Pin
GeneSiC	G2R1000MT33J	TO-263-7	Discrete	3300	1000	3	Single	Trench-assisted Planar Gate SiC MOSFET	SMD



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IGBTS



A1



A4



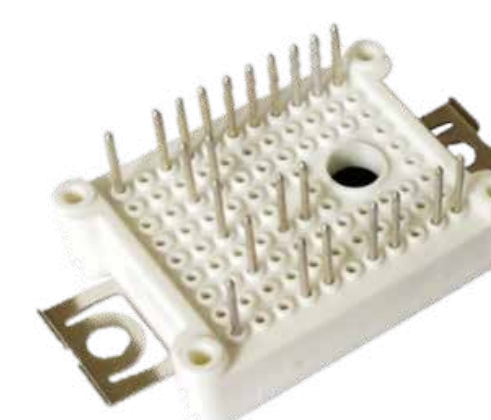
A5



A8



B2



B3



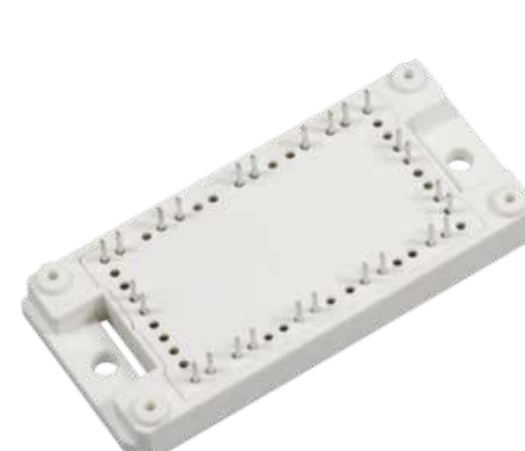
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B9



B9



C7



T2N



T2V



T5



T9

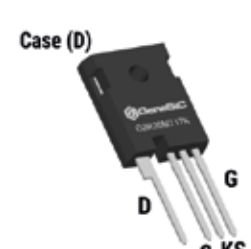


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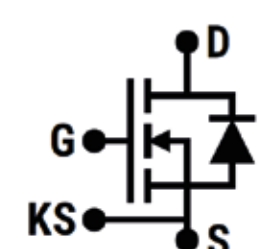


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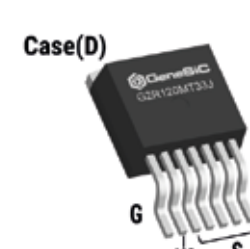
SiC-MOSFETS



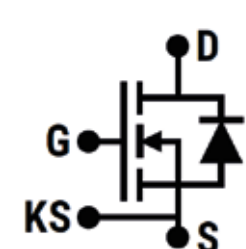
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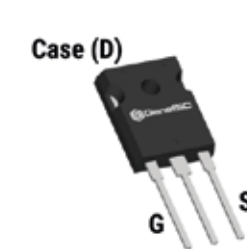
D = Drain
 G = Gate
 S = Source
 KS = Kelvin Source



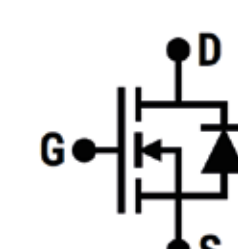
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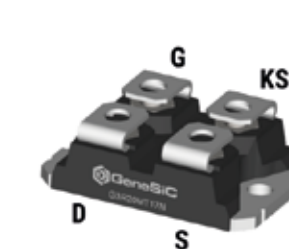
D = Drain
 G = Gate
 S = Source
 KS = Kelvin Source



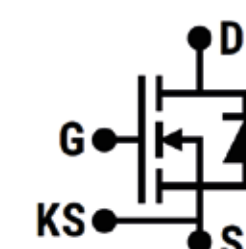
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D = Drain
 G = Gate
 S = Source



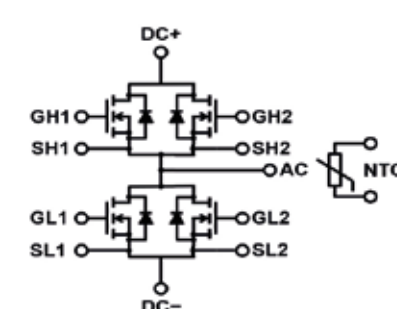
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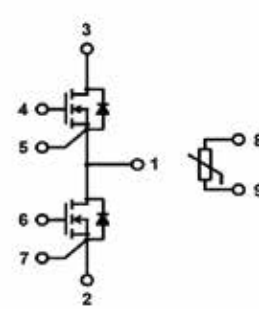
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 KS = Kelvin Source



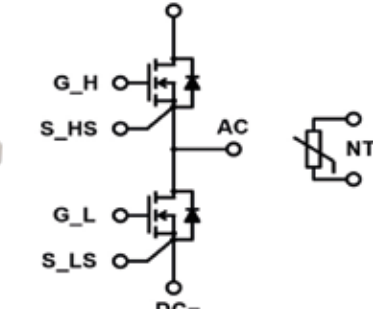
B3



S7



B2



B2

