

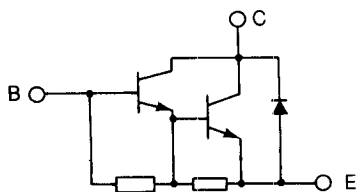
POWER TRANSISTORS

MOSFET TRANSISTORS FOR AUTOMOTIVE APPLICATIONS (Continued)

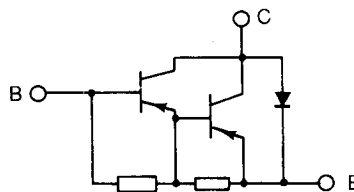
V _{(BR) DSS} (V)	R _{DS (on)} max (Ω)	@ I _D (A)	Package	Type	I _D max (A)	P _{tot} (W)	g _{fs} min (mho)	C _{iss} max (pF)
80	0.36	5.6	TO 220	IRF523	8	60	2.7	600
80	0.36	5.6	ISOWATT 220	IRF523FI	6	30	2.7	600
80	0.27	5.6	TO 220	IRF521	9.2	60	2.7	600
80	0.27	5.6	ISOWATT 220	IRF521FI	7	30	2.7	600
80	0.23	8.3	TO 220	IRF533	12	79	5.1	800
80	0.23	8.3	ISOWATT 220	IRF533FI	8	35	5.1	800
80	0.16	8.3	TO 220	IRF531	14	79	5.1	800
80	0.16	8.3	ISOWATT 220	IRF531FI	9	35	5.1	800
80	0.10	17	TO 220	IRF543	25	125	8.7	1600
80	0.10	17	ISOWATT 220	IRF543FI	14	40	8.7	1600
80	0.077	17	TO 220	IRF541	28	125	8.7	1600
80	0.077	17	ISOWATT 220	IRF541FI	15	40	8.7	1600
100	1.40	1.2	SOT 82	SGSP201*	2	18	0.5	125
100	0.36	5.6	TO 220	IRF522	8	60	2.7	600
100	0.36	5.6	ISOWATT 220	IRF522FI	6	30	2.7	600
100	0.27	5.6	TO 220	IRF520	9	60	2.7	600
100	0.27	5.6	ISOWATT 220	IRF520FI	7	30	2.7	600
100	0.25	5	TO 220	BUZ72A	9	40	2.7	600
100	0.23	8.3	TO 220	IRF532	12	79	5.1	800
100	0.23	8.3	ISOWATT 220	IRF532FI	8	35	5.1	800
100	0.16	8.3	TO 220	IRF530	14	79	5.1	800
100	0.16	8.3	ISOWATT 220	IRF530FI	9	35	5.1	800
100	0.15	9	TO 220	SGSP361	18	100	4.5	1200
100	0.15	10	TO 218	SGSP461	20	125	4.5	1200
100	0.10	17	TO 220	IRF542	25	125	8.7	1600
100	0.10	17	ISOWATT 220	IRF542FI	14	40	8.7	1600
100	0.08	22	TO 218	IRFP152	34	150	13	3000
100	0.08	22	ISOWATT 218	IRFP152FI	21	65	13	3000
100	0.077	17	TO 220	IRF540	28	125	8.7	1600
100	0.077	17	ISOWATT 220	IRF540FI	15	40	8.7	1600
100	0.055	22	TO 218	IRFP150	40	150	13	3000
100	0.055	22	ISOWATT 218	IRFP150FI	26	65	13	3000

* Also available in SOT 194 package for SMD.

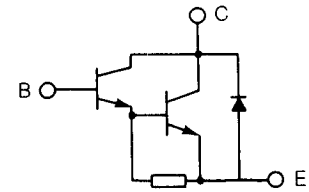
Internal schematic diagrams



NPN



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For SGSD 93E / 93F / 93G only