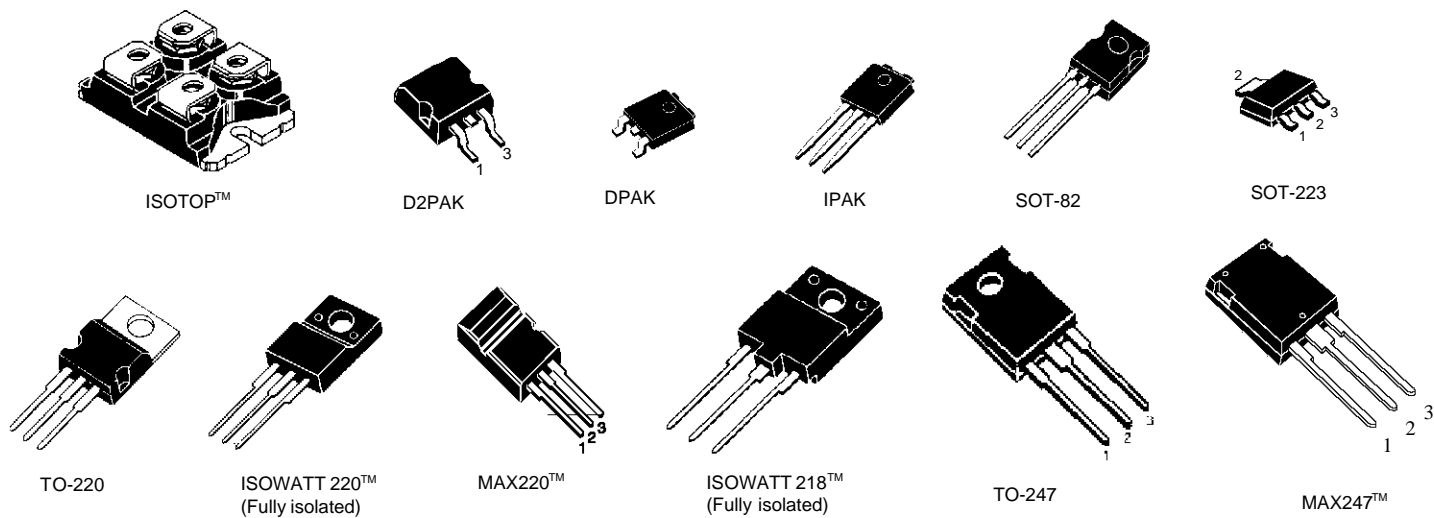


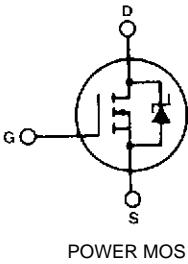
POWER MOSFETS



POWER MOS



Internal schematic diagrams



V _{DSS} (V)	R _{on} (max) (Ω)	Package	Sales Type	I _D cont (A)	P _{tot} (W)
1000	0.375	ISOTOP	STE24NA100	24.00	450
1000	0.770	Max247	STY15NA100	15.00	300
1000	0.770	ISOTOP	STE15NA100	15.00	300
1000	1.700	Max220	STU6NA100	6.00	160
1000	1.700	TO-247	STW7NA100	7.00	190
1000	3.500	TO-220	STP4N100	4.00	125
1000	3.500	ISOWATT218	STHV102FI	2.60	60
1000	3.500	TO-218	STHV102	4.20	150
1000	3.500	ISOWATT220	STP4N100FI	2.20	40
1000	5.000	ISOWATT220	STP3N100FI	2.00	40
1000	5.000	TO-220	STP3N100	3.50	100
900	0.300	ISOTOP	STE26NA90	26.00	450
900	0.540	Max247	STY16NA90	16.00	300
900	1.300	Max220	STU7NA90	7.30	160
900	1.300	ISOWATT218	STH7NA90FI	4.70	70
900	1.300	TO-247	STW7NA90	7.70	190
900	2.000	Max220	STU6NA90	5.80	145
900	2.000	TO-247	STW6NA90	6.00	160
900	2.500	ISOWATT218	STH5NA90FI	3.50	60
900	2.500	TO-247	STW5NA90	5.30	150
900	2.500	ISOWATT220	STP5NA90FI	2.80	45
900	2.500	TO-220	STP5NA90	5.00	125

* Available on request

V_{DSS} (V)	R_{on} (max) (Ω)	Package	Sales Type	I_D cont (A)	P_{tot} (W)
900	4.000	TO-220	STP4NA90	3.60	100
900	4.000	ISOWATT220	STP4NA90FI	2.40	40
900	5.300	ISOWATT220	STP3NA90FI	1.90	40
900	5.300	TO-220	STP3NA90	3.00	100
800	1.000	TO-247	STW9NA80	9.10	190
800	1.000	ISOWATT218	STH9NA80FI	5.90	80
800	1.000	Max220	STU8NA80	8.30	160
800	1.500	ISOWATT218	STH8NA80FI	4.50	70
800	1.500	TO-247	STW8NA80	7.20	175
800	1.500	Max220	STU7NA80	6.50	145
800	1.900	TO-220	STP6NA80	5.70	125
800	1.900	D2PAK	STB6NA80	5.70	125
800	1.900	TO-247	STW7NA80	6.50	150
800	1.900	ISOWATT218	STH7NA80FI	4.00	60
800	1.900	ISOWATT220	STP6NA80FI	3.40	45
800	2.200	ISOWATT220	STP5NA80FI	2.80	45
800	2.200	TO-220	STP5NA80	4.70	125
800	2.200	TO-247	STW6NA80	5.40	150
800	2.200	ISOWATT218	STH6NA80FI	3.40	60
800	3.000	TO-220	STP4NA80	4.00	110
800	3.000	ISOWATT220	STP4NA80FI	2.50	45
800	4.500	TO-220	STP3NA80	3.10	100
800	4.500	ISOWATT220	STP3NA80FI	2.00	40
800	4.500	D2PAK	STB3NA80	3.10	100
800	7.000	TO-220	STP2N80	2.40	90
800	7.000	ISOWATT220	STP2N80FI	1.50	35
800	7.000	SOT-82	STK2N80	2.10	70
600	0.120	ISOTOP	STE40NA60	40.00	460
600	0.240	Max247	STY25NA60	25.00	300
600	0.400	TO-247	STW16NA60	16.00	250
600	0.600	TO-247	STW12NA60	12.00	190
600	0.600	ISOWATT218	STH12NA60FI	7.00	80
600	0.800	TO-218	STW9NA60	9.50	160
600	0.800	Max220	STU9NA60	9.00	145
600	1.000	ISOWATT218	STH8NA60FI	5.00	60
600	1.000	TO-247	STW8NA60	8.00	150
600	1.000	TO-220	STP7NA60	7.20	125
600	1.000	ISOWATT220	STP7NA60FI	4.40	45
600	1.200	TO-220	STP6NA60	6.50	125
600	1.200	D2PAK	STB6NA60	6.50	125
600	1.200	ISOWATT220	STP6NA60FI	3.90	45
600	1.600	TO-220	STP5NA60	5.30	110
600	1.600	ISOWATT220	STP5NA60FI	3.40	45
600	2.200	TO-220	STP4NA60	4.30	100
600	2.200	ISOWATT220	STP4NA60FI	2.70	40
600	4.000	TO-220	STP3NA60	2.90	80
600	4.000	ISOWATT220	STP3NA60FI	2.10	40
600	4.000	DPAK	STD2NA60	2.30	50
600	8.000	IPAK	STD1NA60-1	1.60	40
500	0.085	ISOTOP	STE53NA50	53.00	450
500	0.135	ISOTOP	STE38NA50	38.00	400
500	0.175	Max247	STY30NA50	30.00	300
500	0.175	ISOTOP	STE30NA50-DK	27.00	300
500	0.175	ISOTOP	STE30NA50	27.00	300

* Available on request

POWER MOSFETS

V _{DSS} (V)	R _{on} (max) (Ω)	Package	Sales Type	I _D cont (A)	P _{tot} (W)
500	0.175	ISOTOP	STE30NA50-DA	27.00	300
500	0.270	TO-247	STW20NB50 (*)	20.00	250
500	0.270	TO-247	STW20NA50	20.00	250
500	0.360	TO-247	STW15NB50 (*)	14.60	190
500	0.360	Max220	STU14NA50	14.00	160
500	0.400	TO-247	STW15NA50	14.60	190
500	0.400	ISOWATT218	STH15NA50FI	9.30	80
500	0.600	TO-247	STW12NA50	11.60	170
500	0.600	Max220	STU10NA50	10.20	145
500	0.800	TO-220	STP9NA50	8.80	125
500	0.800	TO-247	STW10NA50	9.60	150
500	0.850	TO-220	STP8NA50	8.00	125
500	0.850	ISOWATT220	STP8NA50FI	4.50	45
500	0.850	D2PAK	STB8NA50	8.00	125
500	1.600	ISOWATT220	STP5NA50FI	3.00	40
500	1.600	TO-220	STP5NA50	5.00	100
500	3.000	ISOWATT220	STP3NA50FI	2.30	40
500	3.000	TO-220	STP3NA50	3.30	80
500	3.000	DPAK	STD3NA50	2.70	50
500	4.000	TO-220	STP2NA50	2.80	75
500	4.000	ISOWATT220	STP2NA50FI	2.00	35
500	4.000	DPAK	STD2NA50	2.20	45
500	6.000	IPAK	STD2N50-1	2.00	45
400	0.300	ISOWATT218	STH16NA40FI	10.00	70
400	0.300	TO-247	STW16NA40	16.00	180
400	0.550	TO-220	STP10NA40	10.00	125
400	0.550	D2PAK	STB10NA40	10.00	125
400	0.550	ISOWATT220	STP10NA40FI	6.00	45
400	1.000	ISOWATT220	STP7NA40FI	4.10	40
400	1.000	D2PAK	STB7NA40	6.50	100
400	1.000	TO-220	STP7NA40	6.50	100
400	1.800	DPAK	STD4NA40	3.30	50
400	1.800	ISOWATT220	STP4NA40FI	2.80	40
400	1.800	TO-220	STP4NA40	4.00	80
400	3.600	IPAK	STD2NA40	2.20	40
300	0.550	TO-220	STP9N30	9.00	100
300	1.400	IPAK	STD3N30-1	3.00	50
300	1.400	TO-220	STP5N30L	5.00	75
300	1.400	ISOWATT220	STP5N30FI	5.00	75
300	1.400	IPAK	STD3N30L-1	3.00	50
300	1.400	TO-220	STP5N30	3.50	35
250	0.140	TO-247	STW26N25	26.00	180
250	0.250	D2PAK	STB15N25	15.00	125
250	0.250	TO-220	STP15N25	15.00	125
250	1.000	TO-220	STP6N25	6.00	70
250	1.100	DPAK	STD4N25	4.00	50
200	0.019	ISOTOP	STE110NA20	110.00	450
200	0.032	Max247	STY60NA20	60.00	300
200	0.085	TO-247	STW33N20	33.00	180
200	0.180	ISOWATT220	IRF640FI	10.00	40
200	0.180	TO-220	IRF640	18.00	125
200	0.180	D2PAK	STB18N20	18.00	125
200	0.400	ISOWATT220	IRF630FI	6.00	35
200	0.400	TO-220	IRF630	10.00	100

* Available on request

V_{DS} (V)	R_{on} (max) (Ω)	Package	Sales Type	I_D cont (A)	P_{tot} (W)
200	0.800	ISOWATT220	IRF620FI	4.00	30
200	0.800	TO-220	IRF620	6.00	70
200	0.800	DPAK	STD5N20	5.00	50
200	1.500	SOT-223	STN1N20	1.00	3
200	1.500	DPAK	STD4N20	4.00	40
200	1.500	TO-220	STP4N20	4.00	60
100	0.007	ISOTOP	STE180N10	180.00	450
100	0.025	TO-247	STW60N10	60.00	200
100	0.035	TO-247	STW50N10	59.00	200
100	0.035	ISOWATT220	STP45N10FI	24.00	45
100	0.035	TO-220	STP45N10	45.00	150
100	0.036	TO-220	STP45N10L	45.00	150
100	0.036	D2PAK	STB45N10L	45.00	150
100	0.060	TO-220	STP33N10	33.00	150
100	0.070	D2PAK	STB30N10	30.00	150
100	0.077	ISOWATT220	IRF540FI	16.00	45
100	0.077	TO-220	IRF540	30.00	150
100	0.120	TO-220	STP20N10	20.00	105
100	0.120	TO-220	STP20N10L	20.00	105
100	0.160	TO-220	IRF530	16.00	90
100	0.160	ISOWATT220	IRF530FI	10.00	40
100	0.160	DPAK	STD12N10	12.00	50
100	0.160	DPAK	STD12N10L	12.00	50
100	0.160	DPAK	STD12N10L	12.00	50
100	0.160	TO-220	STP16N10L	16.00	90
100	0.160	DPAK	STD12N10L	12.00	50
100	0.160	DPAK	STD12N10L	12.00	50
100	0.250	TO-220	BUZ72A	11.00	70
100	0.270	DPAK	STD9N10L	9.00	45
100	0.270	DPAK	STD9N10	9.00	45
100	0.270	TO-220	IRF520	10.00	70
100	0.270	TO-220	STP11N10L	10.00	70
100	0.270	SOT-223	STN2N10	2.00	3
100	0.270	ISOWATT220	IRF520FI	7.00	35
100	0.450	DPAK	STD6N10	6.00	35
100	0.500	DPAK	STD6N10L	6.00	35
100	0.540	TO-220	IRF510	5.60	70
80	0.024	D2PAK	STB53N08	53.00	150
80	0.024	TO-220	STP53N08	53.00	150
80	0.024	TO-247	STW60N08	53.00	180
60	0.004	ISOTOP	STE250N06	250.00	450
60	0.010	TO-220	STP80N06-10	80.00	150
60	0.010	D2PAK	STB80N06-10	80.00	150
60	0.010	TO-247	STW80N06-10	80.00	180
60	0.014	TO-247	STW75N06-14	75.00	180
60	0.014	D2PAK	STB60N06-14	60.00	150
60	0.014	TO-220	STP60N06-14	60.00	150
60	0.016	TO-220	STP60N06L-16	60.00	150
60	0.016	D2PAK	STB60N06L-16	60.00	150
60	0.022	TO-220	STP55N06	55.00	150
60	0.022	ISOWATT220	STP55N06FI	33.00	45
60	0.028	ISOWATT220	STP50N06FI	27.00	45
60	0.028	D2PAK	STB50N06	50.00	150
60	0.028	TO-220	STP50N06L	50.00	150

* Available on request

POWER MOSFETS

V_{DSS} (V)	R_{on} (max) (Ω)	Package	Sales Type	I_D cont (A)	P_{tot} (W)
60	0.028	TO-220	STP50N06	50.00	150
60	0.030	TO-220	STP38N06	38.00	90
60	0.030	DPAK	STD20N06	20.00	80
60	0.040	TO-220	STP36N06	36.00	120
60	0.040	ISOWATT220	STP36N06FI	21.00	40
60	0.040	TO-220	STP36N06L	36.00	120
60	0.050	TO-220	STP30N06	30.00	105
60	0.055	TO-220	STP32N06L	32.00	105
60	0.065	TO-220	STP25N06	25.00	90
60	0.085	DPAK	STD17N06	17.00	55
60	0.085	TO-220	STP20N06	20.00	80
60	0.085	TO-220	STP21N06L	21.00	80
60	0.085	DPAK	STD17N06L	17.00	55
60	0.085	ISOWATT220	STP21N06LFI	14.00	35
60	0.150	DPAK	STD12N06L	12.00	45
60	0.150	TO-220	STP15N06L	15.00	70
60	0.150	ISOWATT220	MTP3055EFI	10.00	35
60	0.150	DPAK	STD12N06	12.00	45
60	0.150	TO-220	MTP3055E	14.00	70
60	0.150	SOT-223	STN3N06	3.00	3
60	0.250	SOT-223	STN2N06	2.00	3
60	0.250	DPAK	STD8N06	8.00	35
60	0.250	DPAK	STD8N06L	8.00	35
50	0.009	TO-220	STP80N05-09	80.00	150
50	0.009	D2PAK	STB80N05-09	80.00	150
50	0.055	TO-220	BUZ11A	13.00	40
50	0.070	TO-220	BUZ10	20.00	80
50	0.100	ISOWATT220	BUZ71FI	12.00	72
50	0.100	TO-220	BUZ71	18.00	80
50	0.120	ISOWATT220	BUZ71AFI	11.00	35
50	0.120	TO-220	BUZ71A	16.00	70
30	0.006	TO-220	STP80N03L-06	80.00	150
30	0.006	D2PAK	STB80N03L-06	80.00	150
30	0.010	D2PAK	STB60N03L-10	60.00	150
30	0.010	TO-220	STP60N03L-10	60.00	150
30	0.020	TO-220	STP40N03L-20	40.00	150
30	0.020	DPAK	STD20N03L	20.00	80
30	0.022	TO-220	STP55N03L	55.00	150
30	0.005	Max220	STU80N03L-05	80.00	145

* Available on request