

# NXP Power MOSFET Transistors



This product is RoHS compliant.

## STANDARD LOGIC LEVEL MOSFETS (CONT.)

### Surface Mount Device



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	V <sub>DS</sub> (Max)(V)	I <sub>D</sub> (Max) (A)	I <sub>DM</sub> (Max)(A)	R <sub>DS(on)</sub> (Max) (Ω) @				V <sub>GS</sub> (Max)(V)	P <sub>tot</sub> (Max)(W)	Price Each			
						V <sub>GS</sub> =10V	V <sub>GS</sub> =4.5V	V <sub>GS</sub> =2.5V	V <sub>GS</sub> =1.8V			1	25	100	250
<b>N-Channel (Single) (Cont.)</b>															
771-PSMN3R530LL115	PSMN3R5-30LL,115	SOT-873-1	30	40	423	0.0036	0.0056	-----	-----	20	71	1.50	1.34	1.20	1.07
771-PSMN3R830LL115	PSMN3R8-30LL,115	SOT-873-1	30	40	413	0.0037	0.0058	-----	-----	20	69	1.44	1.29	1.16	1.03
771-PSMN8R0-30YL115	PSMN8R0-30YL,115	PowerSO-8	30	44	247	0.0083	0.0122	-----	-----	20	56	.84	.74	.665	.577
771-PSMN9R5-30YLC115	PSMN9R5-30YLC,115	PowerSO-8	30	44	177	0.0098	0.0121	-----	-----	30	34	.32	.281	.251	.215
771-PSMN8R0-30YLC115	PSMN8R0-30YLC,115	PowerSO-8	30	54	216	0.0079	0.01	-----	-----	20	42	.25	.219	.208	.20
771-PSMN5R9-30YL115	PSMN5R9-30YL,115	PowerSO-8	30	55	310	0.0061	0.009	-----	-----	20	63	.91	.81	.719	.624
771-PSMN4R5-30YLC115	PSMN4R5-30YLC,115	PowerSO-8	30	60	336	0.0048	0.0061	-----	-----	20	61	.34	.317	.299	.284
771-PSMN7R0-30YLC115	PSMN7R0-30YLC,115	PowerSO-8	30	61	245	0.00709	0.0089	-----	-----	20	48	.40	.354	.325	.294
771-PSMN4R130YLC115	PSMN4R1-30YLC,115	PowerSO-8	30	90	360	0.00435	0.0057	-----	-----	20	64	.37	.337	.317	.302
771-PSMN3R730YLC115	PSMN3R7-30YLC,115	PowerSO-8	30	100	419	0.00395	0.00515	-----	-----	20	79	.40	.363	.342	.325
771-PSMN3R230YLC115	PSMN3R2-30YLC,115	PowerSO-8	30	100	482	0.0035	0.00455	-----	-----	20	92	.45	.411	.388	.368
771-PSMN2R630YLC115	PSMN2R6-30YLC,115	PowerSO-8	30	100	575	0.0028	0.00365	-----	-----	20	106	.48	.438	.413	.393
771-PSMN3R430PL127	PSMN3R4-30PL,127	TO-220AB	30	100	609	0.0034	0.0041	-----	-----	20	114	1.48	1.34	1.17	1.03
771-PSMN2R730PL127	PSMN2R7-30PL,127	TO-220AB	30	100	730	0.0027	0.0036	-----	-----	20	170	1.89	1.68	1.52	1.34
771-PSMN2R230YLC115	PSMN2R2-30YLC,115	PowerSO-8	30	100	765	0.00215	0.0028	-----	-----	20	141	.60	.549	.517	.492
771-PSMN1R530YL115	PSMN1R5-30YL,115	PowerSO-8	30	100	790	0.0015	0.0019	-----	-----	20	109	1.56	1.39	1.25	1.11
771-PSMN1R530YLC115	PSMN1R5-30YLC,115	PowerSO-8	30	100	1008	0.00155	0.00205	-----	-----	20	179	.73	.668	.629	.598
771-PSMN1R0-30YLC115	PSMN1R0-30YLC,115	PowerSO-8	30	100	1030	0.00115	0.0014	-----	-----	20	137	2.33	2.09	1.62	1.55
771-PSMN1R830PL127	PSMN1R8-30PL,127	TO-220AB	30	100	1120	0.0018	0.0023	-----	-----	20	270	2.35	2.10	1.89	1.68
771-PSMN1R230YLC115	PSMN1R2-30YLC,115	PowerSO-8	30	100	1237	0.00125	0.00165	-----	-----	20	215	.82	.745	.702	.668
771-PSMN1R130EL127	PSMN1R1-30EL,127	TO-262	30	120	1609	0.0013	0.0014	-----	-----	20	338	3.15	2.83	2.58	2.33
771-PSMN1R130PL127	PSMN1R1-30PL,127	TO-220AB	30	120	1609	0.0013	0.0014	-----	-----	20	338	2.90	2.61	2.37	2.14
771-PSMN9R5-100XS127	PSMN9R5-100XS,127	TO-220F	100	44.2	177	0.009	-----	-----	-----	20	52.6	2.38	2.14	1.94	1.74
771-PSMN7R0-100XS127	PSMN7R0-100XS,127	TO-220F	100	55	220	0.006	-----	-----	-----	20	57.7	1.36	1.23	1.16	1.10
771-PSMN5R6-100XS127	PSMN5R6-100XS,127	TO-220F	100	61.8	247	0.005	-----	-----	-----	20	60	3.44	2.78	2.31	2.11

## N-CHANNEL ENHANCEMENT MODE TRENCHMOS™ MOSFETS

### Surface Mount Device

For quantities greater than listed, call for quote.

N-Channel (Single)	NXP Part No.	Package	V <sub>DS</sub> (Max)(V)	I <sub>D</sub> (Max) (A)	I <sub>DM</sub> (Max)(A)	R <sub>DS(on)</sub> (Max) (Ω) @				V <sub>GS</sub> (Max)(V)	P <sub>tot</sub> (Max)(W)	Price Each			
						V <sub>GS</sub> =10V	V <sub>GS</sub> =4.5V	V <sub>GS</sub> =2.5V	V <sub>GS</sub> =1.8V			1	25	100	250
771-PMV56XN215	PMV56XN,215	SOT-23	20	3.76	15	-----	0.085	0.115	-----	8	1.92	.13	.12	.118	.11
771-PMV16UN215	PMV16UN,215	SOT-23	20	5.8	25	-----	0.018	0.023	0.04	8	0.51	.30	.272	.257	.244
771-PMV31XN-T/R	PMV31XN,215	SOT-23	20	5.9	29.7	-----	0.037	0.053	-----	12	2	.58	.44	.34	.24
771-PMV20XN215	PMV20XN,215	SOT-23	30	4.8	20	-----	0.025	0.035	-----	12	0.51	.24	.22	.207	.197
771-PMV40UN-T/R	PMV40UN,215	SOT-23	30	4.9	19.6	-----	0.047	0.053	0.073	8	1.9	.50	.37	.28	.20
771-PMV22EN215	PMV22EN,215	SOT-23	30	5.2	20	-----	0.022	0.029	-----	20	0.51	.19	.176	.166	.157
771-BUK621330C118	BUK6213-30C,118	TO-252	30	47	189	0.014	0.029	-----	-----	20	60	.96	.858	.747	.651
771-BUK620930C118	BUK6209-30C,118	TO-252	30	50	262	0.0098	0.0192	-----	-----	20	80	1.03	.941	.823	.723
771-BUK624R530C118	BUK624R5-30C,118	TO-252	30	90	543	0.0045	0.0075	-----	-----	20	158	1.70	1.55	1.35	1.19
771-BUK653R730C127	BUK653R7-30C,127	TO-220AB	30	100	583	0.0039	0.0072	-----	-----	20	158	1.90	1.73	1.50	1.32
771-BUK663R530C118	BUK663R5-30C,118	TO-252	30	100	616	0.0035	0.0065	-----	-----	20	158	2.01	1.82	1.58	1.40
771-BUK661R830C118	BUK661R8-30C,118	TO-252	30	120	1080	0.0019	0.0033	-----	-----	20	263	1.58	1.43	1.35	1.28
771-BUK621840C118	BUK6218-40C,118	TO-252	40	42	168	0.016	0.028	-----	-----	20	60	.96	.858	.747	.651
771-BUK621240C118	BUK6212-40C,118	TO-252	40	50	233	0.0112	0.02	-----	-----	20	80	1.04	.941	.824	.722
771-BUK625R040C118	BUK625R0-40C,118	TO-252	40	90	490	0.005	0.0083	-----	-----	20	158	1.54	1.38	1.24	1.10
771-BUK654R840C127	BUK654R8-40C,127	TO-220AB	40	100	500	0.0048	0.0079	-----	-----	20	158	2.17	1.95	1.75	1.55
771-BUK6E3R440C127	BUK6E3R4-40C,127	TO-262	40	100	657	0.0036	0.006	-----	-----	20	204	1.48	1.35	1.27	1.21
771-BUK663R240C118	BUK663R2-40C,118	TO-252	40	100	697	0.0032	0.0057	-----	-----	20	204	2.26	2.04	1.82	1.62
771-BUK6E2R340C127	BUK6E2R3-40C,127	TO-262	40	120	1006	0.0023	0.0036	-----	-----	20	306	5.00	4.08	3.66	3.32
771-BSN20-T/R	BSN20,215	SOT-23	50	0.173	0.7	15	20	-----	-----	20	0.83	.09	.087	.082	.078
771-BSH111-T/R	BSH111,215	SOT-23	55	0.335	1.3	-----	4	5	8	10	0.83	.07	.064	.06	.057
771-BUK622855C118	BUK6228-55C,118	TO-252	55	31	122	0.029	0.044	-----	-----	20	60	.96	.858	.747	.651
771-BUK621755C118	BUK6217-55C,118	TO-252	55	44	175	0.019	0.0285	-----	-----	20	80	1.00	.921	.806	.708
771-BUK620755C118	BUK6207-55C,118	TO-252	55	90	383	0.0078	0.012	-----	-----	20	158	1.30	1.18	1.03	.906
771-BUK650755C127	BUK6507-55C,127	TO-220AB	55	100	405	0.007	0.0105	-----	-----	20	158	1.90	1.73	1.50	1.32
771-BUK660755C118	BUK6607-55C,118	TO-252	55	100	420	0.0065	0.0102	-----	-----	20	158	2.01	1.82	1.58	1.40
771-BUK654R655C127	BUK654R6-55C,127	TO-220AB	55	100	524	0.0054	0.008	-----	-----	20	204	2.17	1.95	1.75	1.55
771-BUK664R455C118	BUK664R4-55C,118	TO-252	55	100	550	0.0049	0.0077	-----	-----	20	204	2.26	2.04	1.82	1.62
771-2N7002-T/R	2N7002,215	SOT-23	60	0.3	1.2	5	5.3	-----	-----	30	0.83	.02	.018	.017	.016
771-2N7002PW-115	2N7002PW,115	SOT-323	60	0.31	1.2	1.6	2@5V	-----	-----	20	0.26	.04	.038	.035	.034
771-2N7002P-215	2N7002P,215	SOT-23	60	0.36	1.2	1.6	2@5V	-----	-----	20	0.35	.10	.07	.065	.055
771-2N7002E-T/R	2N7002E,215	SOT-23	60	0.385	1.5	3	4	-----	-----	30	0.83	.04	.032	.03	.029
771-2N7002F-T/R	2N7002F,215	SOT-23	60	0.475	1.9	2	4	-----	-----	30	0.83	.04	.032	.03	.029
771-2N7002K-T/R	2N7002K,215	SOT-23	60	0.34	0.68	3.9	5.3	-----	-----	15	0.83	.04	.032	.03	.029
771-BUK622675C118	BUK6226-75C,118	TO-252	75	33	130	0.029	0.04	-----	-----	20	80	1.00	.921	.806	.708
771-BUK621575C118	BUK6215-75C,118	TO-252	75	57	229	0.015	0.0205	-----	-----	20	128	.73	.67	.632	.60
771-BUK621175C118	BUK6211-75C,118	TO-252	75	74	297	0.011	0.015	-----	-----	20	158	1.70	1.55	1.35	1.19
771-BUK651075C127	BUK6510-75C,127	TO-220AB	75	77	305	0.0104	0.013	-----	-----	20	158	1.90	1.73	1.51	1.32
771-BUK650775C127	BUK6507-75C,127	TO-220AB	75	100	406	0.0076	0.0103	-----	-----	20	204				