

ON SEMICONDUCTOR MOSFETS

RoHS Compliant This product is RoHS compliant.

ON Semiconductor®



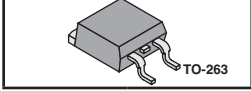
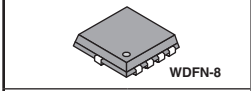
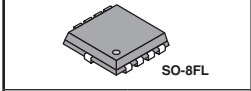
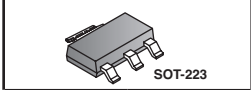
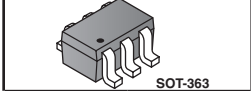
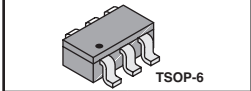
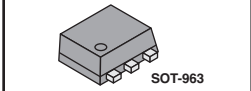
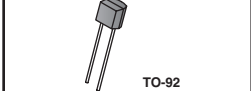
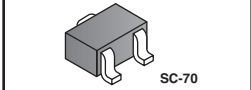
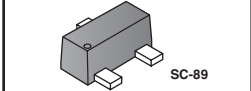
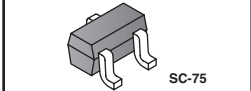
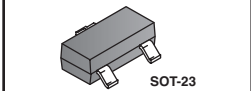
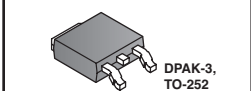
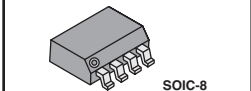
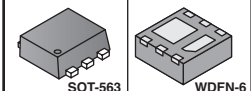
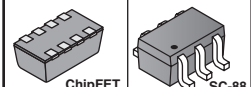
POWER MOSFETS

◆ Surface Mount Device

PRODUCT NEW

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ON Semiconductor Part No.	Package	V(BR)DSS (Min.)(V)	rDS (ON) Max.(mΩ)	PD Max(W)	ID Max(A)	Price Each			
							1	25	100	500
Complementary										
◆ 863-NTJD4105CT1G	NTJD4105CT1G	SC-88	+20/-8.0	375/300	0.27	+0.63/-0.775	.37	.24	.193	.159
◆ 863-NTHD3100CT1G	NTHD3100CT1G	ChipFET	+20/+20	80/80	1.1	+2.9/-3.2	.58	.46	.385	.323
◆ 863-NTHD4508NT1G	NTHD4508NT1G	ChipFET	+20/+20	75	1.13	+4.1/+4.1	.52	.36	.309	.259
◆ 863-NTZD3152PT1G	NTZD3152PT1G	SOT-563	-20/-20	900	0.25	-0.43/-0.43	.34	.33	.186	.162
◆ 863-NTLJF4156NTAG	NTLJF4156NTAG	WDFN-6	+30/+30	250	1.5	+4.6/4.6	.66	.55	.49	.41
◆ 863-NTMD4840NR2G	NTMD4840NR2G	SOIC-8	+30/+30	36	0.68	7.5/7.5	.32	.31	.296	.264
NFET										
◆ 863-NTD4863NT4G	NTD4863NT4G	DPAK-3	25	9.3	1.95	11.3	.42	.398	.381	-
◆ 863-NTMD4820NR2G	NTMD4820NR2G	SOIC-8N	30	20	1.28	6.4	.39	.38	.36	-
◆ 863-NTHS4166NT1G	NTHS4166NT1G	ChipFET	30	22	1.5	6.6	.27	.26	.249	-
◆ 863-NDF04N60ZG	NDF04N60ZG	TO-220FP	600	1.8	28	4.4	.84	.782	.76	-
◆ 863-NDF10N60ZG	NDF10N60ZG	TO-220AB	600	650	36	10	.76	.70	.65	-
◆ 863-NDF06N60ZG	NDF06N60ZG	TO-220FP	600	980	31	6	1.25	1.04	.883	-
PFET										
◆ 863-NUS5531MTR2G	NUS5531MTR2G	WDFN-6	12	32	1.46	5.47	.52	.50	.481	-



MOSFETS ON Semiconductor

TRENCH POWER MOSFETS

◆ Surface Mount Device

For quantities greater than listed, call for quote.

N-Channel	MOUSER STOCK NO.	ON Semiconductor Part No.	Package	V(BR)DSS (Min.)(V)	rDS (ON) Max.(mΩ)	PD Max(W)	ID Max(A)	Price Each			
								1	25	100	500
◆ 863-NTJS3157NT1G	NTJS3157NT1G	SC-88	20	60	1	4	.35	.25	.177	.35	
P-Channel											
◆ 863-NTJS3151PT1G	NTJS3151PT1G	SC-88	-12	60	0.625	-3.3	.31	.26	.178	.147	
◆ 863-NTR4101PT1G	NTR4101PT1G	SOT-23	-20	85	0.73	-3.2	.30	.232	.154	.12	
◆ 863-NTJS4151PT1G	NTJS4151PT1G	SC-88	-20	60	1	-4.2	.37	.264	.193	.159	

SMALL SIGNAL MOSFETS

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ON Semiconductor Part No.	Package	V(BR)DSS (Min.)(V)	rDS (ON) Max.(mΩ)	PD Max(W)	ID Max(A)	Price Each			
							1	25	100	500
N-Channel										
◆ 863-NTA4001NT1G	NTA4001NT1G	SC-75	20	1500	0.3	0.238	.23	.142	.091	.067
◆ 863-NTZD3154NT1G	NTZD3154NT1G	SOT-563	20	550	0.28	0.54	.34	.269	.178	.147
◆ 863-NTJD4001NT1G	NTJD4001NT1G	SC-88	20	375	0.27	0.63	.37	.29	.193	.159
◆ 863-NTA4153NT1G	NTA4153NT1G	SC-75	20	127	0.3	0.915	.35	.24	.179	.148
◆ 863-NTE4153NT1G	NTE4153NT1G	SC-89	20	230	0.3	0.915	.38	.24	.181	.146
◆ 863-NTS4409NT1G	NTS4409NT1G	SC-70	25	249	0.28	0.75	.30	.246	.163	.135
◆ 863-NTJS4405NT1G	NTJS4405NT1G	SC-88	25	350	0.63	1.2	.29	.224	.148	.12
◆ 863-NTA7002NT1G	NTA7002NT1G	SC-75	30	7000	0.3	0.154	.27	.12	.112	.096
◆ 863-NTJD4001NT1G	NTJD4001NT1G	SC-88	30	1500	0.272	0.25	.33	.24	.148	.13
◆ 863-NTS4001NT1G	NTS4001NT1G	SC-70	30	1500	0.33	0.27	.31	.20	.131	.112
◆ 863-BSS138LT3G	BSS138LT3G	SOT-23	50	3.5	0.225	0.2	.25	.194	.096	.077
◆ 863-2N7002LT1G	2N7002LT1G	SOT-23	60	7500	0.3	0.115	.26	.13	.104	.055
◆ 863-VN222LLG	VN222LLG	TO-92	60	7500	0.4	0.15	.45	.34	.276	.232
◆ 863-2N7000RLRAG	2N7000RLRAG	TO-92	60	6	0.35	0.2	.31	.237	.157	.129
◆ 863-2N7002WT1G	2N7002WT1G	SC-70	60	1600	0.28	0.34	.28	.16	.084	.06
◆ 863-2N7002KT1G	2N7002KT1G	SOT-23	60	2.5	0.3	0.38	.25	.15	.076	.059
◆ 863-BS170G	BS170G	TO-92	60	5000	0.35	0.5	.40	.308	.204	.168
◆ 863-BS170RLRAG	BS170RLRAG	TO-92	60	5000	0.35	0.5	.43	.32	.22	.181
◆ 863-BS108ZLT1G	BS108ZLT1G	TO-92	200	8	0.35	0.2	.28	.24	.20	.18
◆ 863-MTD6N20ET4G	MTD6N20ET4G	TO-252	200	700	50	6	1.53	1.40	.99	.855
P-Channel										
◆ 863-NTS2101PT1G	NTS2101PT1G	SC-70	-8.0	100	0.29	-1.4	.32	.278	.184	.152
◆ 863-NTR2101PT1G	NTR2101PT1G	SOT-23	-8.0	52	0.96	-3.7	.35	.291	.204	.17
◆ 863-NTE4151PT1G	NTE4151PT1G	SC-89	-20	360	0.313	-0.76	.30	.22	.148	.13
◆ 863-NTA4151PT1G	NTA4151PT1G	SC-75	-20	360	0.301	-0.76	.29	.224	.148	.122
◆ 863-NTZS3151PT1G	NTZS3151PT1G	SOT-563	-20	150	0.21	-0.95	.34	.269	.178	.147
Complementary										
◆ 863-NTUD3170NZT5G	NTUD3170NZT5G	SOT-963	+20/+20	1.5	0.125	0.22	.39	.38	.37	.33
◆ 863-NTUD3169CZT5G	NTUD3169CZT5G	SOT-963	+20/+20	4.5/1.0	0.125	+0.22/+0.20	.39	.38	.37	.33
◆ 863-NTZD3155CT1G	NTZD3155CT1G	SOT-563	+20/+20	400/550	0.25	+0.54/-0.43	.34	.269	.178	.14
◆ 863-NTGD4167CT1G	NTGD4167CT1G	TSOP-6	+30/+30	125/300	0.9	+2.2/-1.0	.24	.23	.222	.198
◆ 863-NTJD5121NT1G	NTJD5121NT1G	SOT-363	+60/+60	2.5	0.25	0.295	.16	.15	.13	.101

TRENCH SMALL SIGNAL MOSFETS

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ON Semiconductor Part No.	Package	V(BR)DSS (Min.)(V)	rDS (ON) Max.(mΩ)	PD Max(W)	ID Max(A)	Price Each			
							1	25	100	500
N-Channel										
◆ 863-2N7002ET1G	2N7002ET1G	SOT-23	60	2500	300	0.26	.20	.151	.062	.049
P-Channel										
◆ 863-NTJD4152PT1G	NTJD4152PT1G	SC-88	-20	215	0.272	-0.88	.36	.28	.202	.166

PROTECTED N-CHANNEL MOSFETS

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ON Semiconductor Part No.	Package	V(BR)DSS (Min.)(V)	rDS (ON) Max.(mΩ)	PD Max(W)	ID Max(A)	Price Each			
							1	25	100	500
◆ 863-NIF5002NT3G	NIF5002NT3G	SOT-223	42	200	1.1	2	1.06	.964	.935	.801
◆ 863-NIF5002NT1G	NIF5002NT1G	SOT-223	42	200	1.1	3	.88	.74	.572	.484
◆ 863-NCV8405STT1G	NCV8405STT1G	SOT-223	42	90	1	6	1.12	1.06	1.01	.93
◆ 863-NIF5003NT1G	NIF5003NT1G	SOT-223	42	68	1.25	1.4	1.29	1.00	.893	.798
◆ 863-NCV8450STT3G	NCV8450STT3G	SOT-223	45	1000	1.7	0.8	1.08	1.02	.976	.899
◆ 863-NIF9N05CLT1G	NIF9N05CLT1G	SOT-223	52	107	1.69	2.6	.66	.58	.537	.505
◆ 863-NID9N05CLT4G	NID9N05CLT4G	TO-252	52	181	28.8	9	1.19	.923	.822	.735

LOGIC-LEVEL MOSFETS

◆ Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ON Semiconductor Part No.	Package	V(BR)DSS (Min.)(V)	rDS (ON) Max.(mΩ)	PD Max(W)	ID Max(A)	Price Each			
							1	25	100	500
N-Channel										
◆ 863-MGSF1N03LT1G	MGSF1N03LT1G	SOT-23	30	100	0.42	2.1	.42	.35	.248	.208
◆ 863-NVMFS4841NT1G	NVMFS4841NT1G	SO-8FL	30	11.4	112	89	1.07	.921	.74	.519
◆ 863-NVTF5581NLTAG	NVTF5581NLTAG	WDFN-8	40	10	21	40	1.37	1.15	.805	.677
◆ 863-NVTF55826NLTAG	NVTF55826NLTAG	WDFN-8	60	32	22	20	1.13	.886	.787	.552
◆ 863-NTD24N06LT4G	NTD24N06LT4G	TO-252	60	45	62.5	24	.88	.74	.598	.501
◆ 863-NVTF55820NLTAG	NVTF55820NLTAG	WDFN-8	60	15	21	29	1.37	1.15	.805	.677
P-Channel										
◆ 863-MTB50P03HDLT4G	MTB50P03HDLT4G	TO-263	-30	25	125	-50	3.51	3.40	2.45	1.76
◆ 863-MTP50P03HDLG	MTP50P03HDLG	TO-220	-30	25	125	-50	3.30	3.22	2.67	2.30
◆ 863-NVTF55116PLTAG	NVTF55116PLTAG	WDFN-8	-60	72	3.2	-14	1.53	1.44	1.05	.747