

# NXP SEMICONDUCTOR Transistors



RoHS Compliant This product is RoHS compliant.

Transistors

NXP Semiconductor



## ◆ Surface Mount

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	Package Type	Description	Price Each		
			1	25	100
<b>NPN/PNP Wideband Transistors &lt; 10GHZ</b>					
◆771-BFG135-T/R	SOT223	NPN 150MA 15V 7GHZ	.76	.60	.45
◆771-BFG520W/X-T/R	SOT343	NPN 70MA 15V 9GHZ	.71	.53	.40
◆771-BFG540/X-T/R	SOT143	NPN 15V 9GHZ	.66	.49	.36
◆771-BFG541-T/R	SOT223	NPN 15V 9GHZ	.69	.53	.45
◆771-BFG591-T/R	SOT223	NPN 15V 7GHZ	.78	.63	.472
◆771-BFG97-T/R	SOT223	NPN 15V 5.5GHZ	.95	.63	.535
◆771-BFM520-T/R	SOT363	NPN DL 70MA 8V 9GHZ	.84	.63	.47
◆771-BFQ67-T/R	SOT23	NPN 50MA 10V 8GHZ	.38	.26	.19
◆771-BFR106-T/R	SOT23	NPN 15V 5GHZ	.32	.25	.17
◆771-BFR505-T/R	SOT23	NPN 15V 9GHZ	.40	.34	.236
◆771-BFR520-T/R	SOT23	NPN 70MA 15V 9GHZ	.56	.42	.31
◆771-BFR540-T/R	SOT23	NPN 120MA 15V 9GHZ	.78	.58	.44
◆771-BFR92A-T/R	SOT23	NPN 25MA 15V 5GHZ	.39	.27	.202
◆771-BFR92AW-T/R	SOT323	NPN 15V 5GHZ	.39	.27	.20
◆771-BFR93A-T/R	SOT23	NPN 35MA 12V 6GHZ	.39	.27	.20
◆771-BFS17A-T/R	SOT23	NPN 25MA 15V 3GHZ	.30	.21	.147
◆771-BFS17-T/R	SOT23	NPN 25MA 15V 1GHZ	.27	.19	.13
◆771-BFS17W-T/R	SOT323	NPN 15V 1GHZ	.40	.31	.22
◆771-BFS505-T/R	SOT323	NPN 15V 9GHZ	.56	.42	.32
◆771-BFS520-T/R	SOT323	NPN 70MA 15V 9GHZ	.65	.49	.37
◆771-BFT25A215	SOT23	NPN 5V 5GHZ	.68	51	.377
◆771-BFT92-T/R	SOT23	PNP 25MA 15V 5GHZ	.49	.373	.268
◆771-BFT92W-T/R	SOT323	PNP 35MA 15V 4GHZ	.80	.60	.45
◆771-BFT93-T/R	SOT23	PNP 12V 5GHZ	.44	.33	.24
◆771-PBR941-T/R	SOT23	NPN UHF 50MA	.41	.32	.24
◆771-PBR951-T/R	SOT23	NPN UHF 100MA	.41	.32	.24
◆771-PRF94115	SOT416	NPN 10V 9GHZ	.46	.37	.26
◆771-PRF957-T/R	SOT323	NPN 10V 100mA 8.5GHZ	.40	.32	.22
<b>NPN/PNP Wideband Transistors &lt; 30GHZ</b>					
◆771-BFG21W-T/R	SOT343	NPN 15V .5A 18GHZ	.91	.76	.60
◆771-BFG403W-T/R	SOT343	NPN 4.5V 17GHZ	.75	.56	.42
◆771-BFG425W-T/R	SOT343	NPN 4.5V 25GHZ	.67	.50	.37
◆771-BFG480W-T/R	SOT343	NPN 4.5V 21GHZ	.62	.47	.339
<b>Enhancement Mode MOSFET</b>					
◆771-BSH111-T/R	SOT-23	N-CH Single 55V 335mA	.23	.18	.123
<b>RF MOSFETs</b>					
◆771-BF1212	SOT143	N-CH Dual Gate 6V	.55	.41	.31
◆771-BF1212R	SOT143	N-CH Dual Gate 6V	.55	.41	.31
◆771-BF1212WR	SOT343	N-CH Dual Gate 6V	.55	.41	.31
◆771-BF511-T/R	SOT23	JFET N-CH 20V 10MA	.52	.38	.28
◆771-BF545C-T/R	SOT23	JFET N-CH 30V 10MA	.36	.27	.20
◆771-BF861B-T/R	SOT23	JFET N-CH 25V 10MA	.40	.30	.22
◆771-BF862-T/R	SOT23	JFET N-CH 20V 10MA	.36	.27	.20
◆771-BF908WR-T/R	SOT343	N-CH DUAL GATE 12V	.32	.25	.17
◆771-BF991-T/R	SOT143	N-CH DUAL GATE 20V	.40	.30	.22
◆771-BF992-T/R	SOT143	N-CH DUAL GATE 20V	.40	.30	.22
◆771-BF994S-T/R	SOT143	N-CH DUAL GATE 20V	.44	.33	.24
◆771-BF998-T/R	SOT143	N-CH DUAL GATE 12V	.37	.32	.297
<b>Power MOS Transistors</b>					
771-BLF145	SOT123	RF DMOS 30W HF	39.84	37.18	34.52
771-BLF147	SOT121	RF DMOS 150W VHF	93.75	87.50	81.25
771-BLF175	SOT123	RF DMOS 30W HF-VHF	41.96	39.15	36.36
771-BLF177	SOT121	RF DMOS 150W HF-VHF	60.95	56.88	52.81
771-BLF242	SOT123	RF DMOS 5W HF-VHF	32.90	30.75	28.50
771-BLF244	SOT123	RF DMOS 15W VHF	35.15	31.08	30.45
771-BLF245	SOT123	RF DMOS 30W VHF	34.22	31.93	29.65
771-BLF245B	SOT279	RF DMOS 30W VHF P-P	65.00	61.25	56.87
771-BLF278	SOT262	RF DMOS 250W VHF	153.66	143.41	133.17
<b>Power LDMOS Transistors</b>					
◆771-BLF1043112	SOT538	RF LDMOS 10W UHF	32.16	30.02	29.33
771-BLF1046112	SOT467	RF LDMOS 45W UHF	80.40	75.04	73.34
771-BLF2043F135	SOT467	RF LDMOS 10W UHF	48.24	45.02	44.00
771-BLF369	4LD MOD	RF LDMOS 65V 100A	240.00	224.00	208.00
771-BLF647	SOT540	RF LDMOS 150W UHF	143.74	133.68	129.67
771-BLF861A	SOT540	RF LDMOS 150W UHF	143.74	133.68	129.67
<b>Bipolar Transistors - General Purpose</b>					
◆771-BC807-40-T/R	SOT23	PNP GP 500MA 45V	.09	.07	.048
◆771-BC817-25-T/R	SOT23	NPN GP 500 45V	.09	.07	.048
◆771-BC817-40-T/R	SOT23	NPN GP 500 45V	.09	.07	.048
◆771-BC846B-T/R	SOT23	NPN GP 100MA 65V	.08	.062	.039
◆771-BC847B-T/R	SOT23	NPN/PNP 45V 100mA	.08	.05	.038
◆771-BC847C-T/R	SOT23	NPN GP 100MA 45V	.07	.042	.034
◆771-BC847BPN-T/R	SOT363	NPN/PNP 100MA 45V	.20	.16	.11
◆771-BC847BS-T/R	SOT363	NPN GP 100MA 45V	.22	.16	.11
◆771-BC856B-T/R	SOT23	PNP GP 100MA 65V	.08	.05	.038
◆771-BC857B-T/R	SOT23	PNP GP 100MA 45V	.08	.05	.038
◆771-BCP56-T/R	SOT223	NPN MED 1A 80V	.22	.20	.152
◆771-BCX17-T/R	SOT23	PNP 500MA 45V	.15	.10	.075
◆771-BCX53-16-T/R	SOT89	PNP MED 1A 80V	.29	.22	.155

## ◆ Surface Mount

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			1	25	100
<b>Bipolar Transistors - General Purpose Cont.</b>					
◆771-BCX56-16-T/R	SOT89	NPN MED 1A 80V	.29	.225	.155
<b>PNP Resistor-Equipped Transistors</b>					
◆771-PDTA115EE115	SOT416	PNP W/RES 50V	.13	.09	.07
◆771-PDTA115ET215	SOT23	PNP W/RES 50V	.06	.05	.031
◆771-PDTA115EU115	SOT323	PNP W/RES 50V	.13	.09	.07
◆771-PDTA115TT215	SOT23	PNP W/RES 50V	.06	.05	.031
◆771-PDTA124TE115	SOT416	PNP W/RES 50V	.13	.09	.07
◆771-PDTA124TT215	SOT23	PNP W/RES 50V	.06	.05	.031
◆771-PDTA143TE115	SOT416	PNP W/RES 50V	.13	.09	.07
◆771-PDTA144TT215	SOT23	PNP W/RES 50V	.06	.05	.031
◆771-PDTA144WE115	SOT416	PNP W/RES 50V	.13	.09	.07
◆771-PDTA114YE115	SOT416	PNP W/RES 50V	.13	.09	.07
◆771-PDTA115TE-T/R	SOT416	PNP W/RES 50V	.13	.09	.07
◆771-PDTA115TU115	SOT323	PNP W/RES 50V	.13	.09	.07
◆771-PDTA123EE115	SOT416	PNP W/RES 50V	.13	.09	.07
◆771-PDTA124TU-T/R	SOT323	PNP W/RES 50V	.13	.09	.07
◆771-PDTA143ZE115	SOT416	PNP W/RES 50V	.13	.09	.07
◆771-PDTA144TE115	SOT416	PNP W/RES 50V	.13	.09	.07
◆771-PDTA144TU115	SOT323	PNP W/RES 50V	.13	.09	.07
<b>NPN Resistor-Equipped Transistors</b>					
◆771-PDTC115TE115	SOT416	NPN W/RES 50V	.13	.09	.07
◆771-PDTC115TU115	SOT323	NPN W/RES 50V	.13	.09	.07
◆771-PDTC124TE115	SOT416	NPN W/RES 50V	.13	.09	.07
◆771-PDTC144TE115	SOT416	NPN W/RES 50V	.13	.09	.07
◆771-PDTC144WE115	SOT416	NPN W/RES 50V	.13	.09	.07
◆771-PDTC115TT-T/R	SOT23	NPN W/RES 50V	.06	.05	.031
◆771-PDTC123EE-T/R	SOT416	NPN W/RES 50V	.13	.09	.07
◆771-PDTC123JT-/T3	SOT23	NPN W/RES 50V	.13	.09	.07
◆771-PDTC143TE-T/R	SOT416	NPN W/RES 50V	.13	.09	.07
◆771-PDTC143ZE115	SOT416	NPN W/RES 50V	.13	.09	.07
◆771-PDTC143ZT-/T3	SOT23	NPN W/RES 50V	.13	.09	.07
<b>NPN/PNP Switching Transistors</b>					
◆771-PMBT222A-T/R	SOT23	NPN SW 600MA 40V	.07	.05	.037
◆771-PMBT2369-T/R	SOT23	NPN SW 200MA 15V	.10	.08	.054
◆771-PMBT2907A-T/R	SOT23	PNP SW 600MA 60V	.04	.035	.02
◆771-PMBT3904-T/R	SOT23	NPN SW 200MA 40V	.05	.034	.024
◆771-PMBT3906-T/R	SOT23	PNP SW 200MA 40V	.05	.034	.024
◆771-PMBT4401-T/R	SOT23	NPN SW 600MA 40V	.06	.047	.04
◆771-PMBT4403-T/R	SOT23	PNP SW 600MA 40V	.06	.047	.04
◆771-PMBTA06-T/R	SOT23	NPN GP 500MA 80V	.09	.07	.049
◆771-PMBTA42-T/R	SOT23	NPN HV 100MA 300V	.17	.12	.09
◆771-PMBTA56-T/R	SOT23	PNP GP 500MA 80V	.11	.08	.058
◆771-PMBTA92-T/R	SOT23	PNP HV 100MA 300V	.17	.12	.09
◆771-PXT222A-T/R	SOT89	NPN SW 40V 100MA	.50	.40	.30
◆771-PZT4401-T/R	SOT223	NPN SW 40V 600MA	.31	.27	.24
◆771-PZT4403-T/R	SOT223	PNP SW 40V 600MA	.31	.27	.24
<b>NPN/PNP Low VCE SAT (BISS) Transistors</b>					
◆771-PBSS301ND115	SOT457	NPN 20V 4A LOW SAT	.66	.49	.37
◆771-PBSS4140T-T/R	SOT23	NPN 40V 1000MA	.45	.36	.27
◆771-PBSS4240T-T/R	SOT23	PNP 40V 2A	.41	.36	.27
◆771-PBSS4480X135	SOT89	NPN 80V 4A	.84	.63	.47
◆771-PBSS5140T215	SOT23	PNP 40V 1A	.19	.17	.16
◆771-PBSS5240T-T/R	SOT23	PNP 40V 2A	.41	.36	.27
◆771-PBSS5320T215	SOT23	PNP 20V 2A LO VCESAT	.11	.10	.095
◆771-PBSS5350T215	SOT23	PNP 50V 2A LO VCESAT	.45	.36	.27
◆771-PBSS2515E115	SOT416	NPN 15V .5A LOW SAT	.40	.32	.21
◆771-PBSS301PD115	SOT457	PNP 20V 4A LOW SAT	.66	.49	.37
◆771-PBSS302ND-T/R	SOT457	NPN 40V 4A LOW SAT	.66	.49	.37
◆771-PBSS302NX-T/R	SOT89	PNP 20V 5.3A	.90	.67	.50
◆771-PBSS302PD115	SOT457	PNP 40V 4A LOW SAT	.66	.49	.37
◆771-PBSS302PX-T/R	SOT89	PNP 20V 5.1A	.90	.67	.506
◆771-PBSS302PZ-/T3	SOT223	PNP 20V 5.5A	.75	.56	.43
◆771-PBSS304ND-T/R	SOT457	NPN 80V 3A SC-74	.66	.49	.37
◆771-PBSS304PD-T/R	SOT457	PNP 80V 3A SC-74	.66	.49	.37
◆771-PBSS305NX-T/R	SOT89	NPN 80V 4.6A	.78	.65	.52
◆771-PBSS305NZ-T/R	SOT223	NPN 80V 5.1A	.78	.65	.52
◆771-PBSS305PX115	SOT89	PNP 80V 4A	.78	.65	.52
◆771-PBSS4130T-T/R	SOT23	NPN 30V 1A LOW SAT	.45	.36	.27
◆771-PBSS4140DPN-T/R	SOT457	NPN/PNP 40V 1A	.76	.57	.42
◆771-PBSS420T215	SOT23	PNP 20V 5.5A	.45	.36	.27
◆771-PBSS4320T215	SOT23	NPN 20V 2A	.48	.36	.27
◆771-PBSS4350X-T/R	SOT89	NPN 50V 3A	.45	.36	.27
◆771-PBSS4350Z-/T3	SOT223	NPN 50V 3A	.45	.36	.27
◆771-PBSS4540Z-T/R	SOT223	PNP 40V 5A	.70	.52	.39
◆771-PBSS5320X-/T3	SOT89	PNP 20V 3A LO VCESAT	.54	.40	.30
◆771-PBSS5350X-T/R	SOT89	PNP 50V 3A LO VCESAT	.60	.45	.33
◆771-PBSS5540Z-T/R	SOT223	PNP 40V 5A LO VCESAT	.72	.54	.40