

# NXP SEMICONDUCTOR Transistors



This product is RoHS compliant.



NXP Semiconductor

◆ Surface Mount

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For quantities greater than listed, call for quote.

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MOUSER STOCK NO.	Package Type	Description	Price Each		
			1	25	100
<b>NPN Wideband Transistors &lt; 10GHz</b>					
◆ 771-BFT25A215	SOT-23	NPN 5V 6.5mA 5GHz	.69	.62	.529
◆ 771-BFQ67-T/R	SOT-23	NPN 10V 50mA 8GHz	.38	.26	.19
◆ 771-PBR941-T/R	SOT-23	NPN 10V 50mA 8GHz	.14	.135	.127
◆ 771-PRF949115	SOT-416	NPN 10V 50mA 9GHz	.11	.105	.099
◆ 771-PBR951-T/R	SOT-23	NPN 10V 100mA 8GHz	.14	.135	.127
◆ 771-PRF957-T/R	SOT-323	NPN 10V 100mA 8.5GHz	.40	.32	.22
◆ 771-BFR93A-T/R	SOT-23	NPN 12V 35mA 6GHz	.33	.28	.243
◆ 771-BFR505-T/R	SOT-23	NPN 15V 18mA 9GHz	.40	.34	.236
◆ 771-BFS505-T/R	SOT-323	NPN 15V 18mA 9GHz	.56	.42	.32
◆ 771-BFR92A-T/R	SOT-23	NPN 15V 25mA 5GHz	.33	.27	.202
◆ 771-BFR92AW-T/R	SOT-323	NPN 15V 25mA 5GHz	.33	.27	.20
◆ 771-BFR94A215	TO-236AB	NPN 15V 25mA 5GHz	.18	.165	.155
◆ 771-BFR94AW115	SOT-323	NPN 15V 25mA 5GHz	.18	.165	.155
◆ 771-BFS17A-T/R	SOT-23	NPN 15V 25mA 3GHz	.08	.08	.076
◆ 771-BFS17-T/R	SOT-23	NPN 15V 25mA 1GHz	.20	.16	.13
◆ 771-BFS17W-T/R	SOT-323	NPN 15V 50mA 1GHz	.09	.085	.08
◆ 771-BFG520W/X-T/R	SOT-343	NPN 15V 70mA 9GHz	.82	.637	.562
◆ 771-BFR520-T/R	SOT-23	NPN 15V 70mA 9GHz	.66	.55	.473
◆ 771-BFS520-T/R	SOT-323	NPN 15V 70mA 9GHz	.65	.49	.37
◆ 771-BFG97-T/R	SOT-223	NPN 15V 100mA 5.5GHz	1.27	1.05	.868
◆ 771-BFR106-T/R	SOT-23	NPN 15V 100mA 5GHz	.49	.42	.356
◆ 771-BFG540X-T/R	SOT-143	NPN 15V 120mA 9GHz	.94	.834	.713
◆ 771-BFG541-T/R	SOT-223	NPN 15V 120mA 9GHz	.98	.81	.676
◆ 771-BFR540-T/R	SOT-23	NPN 15V 120mA 9GHz	.90	.694	.612
◆ 771-BFG135-T/R	SOT-223	NPN 15V 150mA 7GHz	1.26	1.05	.865
◆ 771-BFG591-T/R	SOT-223	NPN 15V 200mA 7GHz	1.12	.92	.766
<b>PNP Wideband Transistors &lt; 10GHz</b>					
◆ 771-BFT93-T/R	SOT-23	PNP -12V -35mA 5GHz	.66	.56	.475
◆ 771-BFT92-T/R	SOT-23	PNP -15V -25mA 5GHz	.49	.37	.268
◆ 771-BFT92W-T/R	SOT-323	PNP -15V -35mA 4GHz	.90	.70	.60
<b>Dual Wideband Transistors &lt; 10GHz</b>					
◆ 771-BFM520-T/R	SOT-363	NPN 8V 70mA 9GHz	.84	.63	.47
<b>NPN Wideband Transistors &lt; 30GHz</b>					
◆ 771-BFG403W-T/R	SOT-343	NPN 4.5V 3mA 17GHz	.12	.115	.109
◆ 771-BFG425W-T/R	SOT-343	NPN 4.5V 25mA 25GHz	.15	.14	.132
◆ 771-BFG480W-T/R	SOT-343	NPN 4.5V 25mA 21GHz	1.12	.94	.824
◆ 771-BFG21W-T/R	SOT-343	NPN 15V 500mA 18GHz	.88	.73	.585
◆ 771-BFU610F115	SOT-343	NPN 5.5V 10mA 15GHz	.27	.247	.233
◆ 771-BFU630F115	SOT-343	NPN 5.5V 30mA 21GHz	.27	.247	.233
◆ 771-BFU660F115	SOT-343	NPN 5.5V 60mA 21GHz	.77	.70	.612
◆ 771-BFU690F115	SOT-343	NPN 5.5V 100mA 18GHz	.77	.70	.612
<b>NPN Wideband Silicon Germanium RF Transistors</b>					
◆ 771-BFU710F115	SOT343F	NPN 10V 100mA 43GHz	.31	.289	.272
◆ 771-BFU760F115	SOT343F	NPN 10V 70mA 45GHz	1.00	.77	.65
◆ 771-BFU790F115	SOT343F	NPN 10V 100mA 25GHz	1.00	.77	.65
<b>Power MOS Transistors</b>					
771-BLF242	SOT-123	RF DMOS 5W HF-VHF	41.07	38.09	35.71
771-BLF244	SOT-123	RF DMOS 15W VHF	42.25	38.99	37.88
771-BLF175	SOT-123	RF DMOS 30W HF-VHF	42.90	41.09	39.40
771-BLF245	SOT-123	RF DMOS 30W VHF	37.10	34.61	32.14
771-BLF245B	SOT-279	RF DMOS 30W VHF P-P	70.45	66.38	61.64
771-BLF177	SOT-121	RF DMOS 150W HF-VHF	66.05	61.63	57.22
771-BLF147	SOT-121	RF DMOS 150W VHF	101.61	94.83	88.06
771-BLF278	SOT-282	RF DMOS 250W VHF	160.98	147.65	144.32
<b>Power LDMOS Transistors</b>					
771-BLF615L40BRN112	SOT-1112	RF LDMOS 2.5W W-CDMA	72.69	65.31	63.20
771-BLF7G27LS150P112	SOT-539	RF LDMOS 30W N-CDMA	106.00	101.00	98.75
771-BLF647	SOT-540	RF LDMOS 150W UHF	160.00	151.82	147.27
771-BLF861A	SOT-540	RF LDMOS 150W UHF	139.92	130.13	126.23
<b>NPN Bipolar Transistors - General Purpose</b>					
◆ 771-BC849C-T/R	SOT-23	NPN GP 30V 100mA	.03	.024	.022
◆ 771-BC847215	SOT-23	NPN GP 45V 100mA	.04	.03	.029
◆ 771-BC847B-T/R	SOT-23	NPN GP 45V 100mA	.02	.014	.013
◆ 771-BC847BT115	SOT-23	NPN GP 45V 100mA	.02	.019	.018
◆ 771-BC847C-T/R	SOT-23	NPN GP 45V 100mA	.02	.014	.013
◆ 771-BC847CT115	SOT-23	NPN GP 45V 100mA	.02	.019	.018
◆ 771-BC847BS-T/R	SOT-363	NPN GP 45V 100mA	.04	.038	.036
◆ 771-BC850B-T/R	SOT-23	NPN GP 45V 100mA	.03	.023	.022
◆ 771-BC850C235	SOT-23	NPN GP 45V 100mA	.05	.04	.036
◆ 771-BC817-T/R	SOT-23	NPN GP 45V 500mA	.02	.015	.014
◆ 771-BC817-16-T/R	SOT-23	NPN GP 45V 500mA	.02	.015	.014
◆ 771-BC817-25-T/R	SOT-23	NPN GP 45V 500mA	.02	.015	.014
◆ 771-BC817-25W-T/R	SOT-323	NPN GP 45V 500mA	.30	.20	.144
◆ 771-BC817-40-T/R	SOT-23	NPN GP 45V 500mA	.02	.015	.014
◆ 771-BC846215	SOT-23	NPN GP 65V 100mA	.02	.014	.013
◆ 771-BC846BT115	SOT-416	NPN GP 60V 100mA	.02	.019	.018
◆ 771-BC846B-T/R	SOT-23	NPN GP 65V 100mA	.02	.014	.013
<b>PNP Bipolar Transistors - General Purpose</b>					
◆ 771-BC857B-T/R	SOT-23	PNP GP -45V 100mA	.02	.015	.014
◆ 771-BC857C-T/R	SOT-23	PNP GP -45V -100mA	.02	.015	.014
◆ 771-BCX17-T/R	SOT-23	PNP GP -45V 500mA	.03	.03	.028
◆ 771-BC807-40-T/R	SOT-23	PNP GP -45V 500mA	.02	.015	.014
◆ 771-BC856BT115	SOT-23	PNP GP -65V -100mA	.02	.019	.018

MOUSER STOCK NO.	Package Type	Description	Price Each		
			1	10	100
<b>PNP Bipolar Transistors - General Purpose (Cont.)</b>					
◆ 771-BC856-T/R	SOT-23	PNP GP -65V -100mA	.02	.014	.013
◆ 771-BC856B-T/R	SOT-23	PNP GP -65V 100mA	.02	.015	.014
<b>Dual Bipolar Transistors - General Purpose</b>					
◆ 771-BC847BPN-T/R	SOT-363	NPN/PNP 45V 100mA	.04	.038	.036
<b>NPN Bipolar Transistors - Medium Power</b>					
◆ 771-BCP56-T/R	SOT-223	NPN Med Pwr 80V 1A	.10	.09	.085
◆ 771-BCX56-16-T/R	SOT-89	NPN Med Pwr 80V 1A	.10	.097	.091
<b>PNP Bipolar Transistors - Medium Power</b>					
◆ 771-BCX53-16-T/R	SOT-89	PNP Med Pwr -80V 1A	.10	.097	.091
<b>NPN Resistor-Equipped Transistors</b>					
◆ 771-PDTC123EE-T/R	SOT-416	NPN 50V 2.2kΩ/2.2kΩ	.04	.039	.037
◆ 771-PDTC123JT-T/R	SOT-23	NPN 50V 2.2kΩ/2.2kΩ	.10	.09	.07
◆ 771-PDTC143ETT-T/R	SOT-23	NPN 50V 4.7kΩ/4.7kΩ	.05	.045	.031
◆ 771-PDTC143TE-T/R	SOT-416	NPN 50V 4.7kΩ/Open	.05	.049	.046
◆ 771-PDTC143TE115	SOT-416	NPN 50V 4.7kΩ/4.7kΩ	.03	.023	.022
◆ 771-PDTC1432T-T/R	SOT-23	NPN 50V 4.7kΩ/4.7kΩ	.60	.27	.192
◆ 771-PDTC124TE115	SOT-416	NPN 50V 22kΩ/Open	.05	.049	.046
◆ 771-PDTC144TE115	SOT-416	NPN 50V 47kΩ/Open	.05	.049	.046
◆ 771-PDTC115TE115	SOT-416	NPN 50V 100kΩ/Open	.04	.039	.037
◆ 771-PDTC115TT-T/R	SOT-23	NPN 50V 100kΩ/Open	.05	.045	.039
<b>PNP Resistor-Equipped Transistors</b>					
◆ 771-PDTA123EE115	SOT-416	PNP -50V 2.2kΩ/2.2kΩ	.04	.039	.037
◆ 771-PDTA124TT215	SOT-23	PNP -50V 22kΩ/Open	.02	.019	.018
◆ 771-PDTA124TU-T/R	SOT-323	PNP -50V 22kΩ/Open	.13	.115	.097
◆ 771-PDTA115EE115	SOT-416	PNP -50V 100kΩ/100kΩ	.05	.04	.039
<b>NPN Switching Transistors</b>					
◆ 771-PMBT2369-T/R	SOT-23	NPN Sw 15V 200mA	.03	.022	.021
◆ 771-PMBT222215	SOT-23	NPN Sw 30V 600mA	.06	.05	.041
◆ 771-PXT2222A-T/R	SOT-89	NPN Sw 40V 100mA	.21	.194	.183
◆ 771-PMBT3904-T/R	SOT-23	NPN Sw 40V 200mA	.02	.014	.014
◆ 771-PMST3904T	SOT-323	NPN Sw 40V 200mA	.03	.025	.024
◆ 771-PMBT2222A-T/R	SOT-23	NPN Sw 40V 600mA	.02	.014	.013
◆ 771-PMBT4401-T/R	SOT-23	NPN Sw 40V 600mA	.02	.015	.014
◆ 771-PZT4401-T/R	SOT-223	NPN Sw 40V 600mA	.19	.172	.162
◆ 771-PMBTA06-T/R	SOT-23	NPN GP 80V 500mA	.03	.022	.021
<b>PNP Switching Transistors</b>					
◆ 771-PMBT3906T	SOT-23	PNP Sw -40V -200mA	.02	.014	.013
◆ 771-PMBT3906-T/R	SOT-23	PNP Sw -40V -200mA	.02	.014	.013
◆ 771-PMBT4403-T/R	SOT-23	PNP Sw -40V -600mA	.02	.015	.014
◆ 771-PZT4403-T/R	SOT-223	PNP Sw -40V -600mA	.19	.172	.162
◆ 771-PMBT2907A-T/R	SOT-23	PNP Sw -60V -600mA	.02	.016	.015
◆ 771-PMBT456-T/R	SOT-23	PNP GP -80V -500mA	.03	.021	.02
<b>NPN High Voltage Transistors</b>					
◆ 771-PMBTA42-T/R	SOT-23	NPN HV 300V 100mA	.03	.03	.028
<b>PNP High Voltage Transistors</b>					
◆ 771-PMBTA92-T/R	SOT-23	PNP HV -600V -100mA	.03	.03	.028
<b>NPN Low VCE SAT (BISS) Transistors</b>					
◆ 771-PBSS2515E115	SOT-416	NPN 15V 0.5A Low VCEsat	.11	.10	.095
◆ 771-PBSS4320T215	SOT-23	NPN 20V 2A Low VCEsat	.21	.198	.186
◆ 771-PBSS4012T215	SOT-23	NPN 20V 4.3A Low VCEsat	.17	.157	.147
◆ 771-PBSS302NX-T/R	SOT-89	NPN 20V 5.3A Low VCEsat	.28	.257	.242
◆ 771-PBSS4130T-T/R	SOT-23	NPN 30V 1A Low VCEsat	.16	.148	.14
◆ 771-PBSS4230T215	SOT-23	NPN 30V 2A Low VCEsat	.12	.113	.107
◆ 771-PBSS4302T215	SOT-23	NPN 30V 2.5A Low VCEsat	.17	.157	.147
◆ 771-PBSS4140T-T/R	SOT-23	PNP -40V -1A Low VCEsat	.16	.148	.14
◆ 771-PBSS4240T-T/R	SOT-23	PNP -40V 2A Low VCEsat	.66	.46	.396
◆ 771-PBSS302ND-T/R	SOT-457	PNP -40V 4A Low VCEsat	.73	.56	.495
◆ 771-PBSS4540Z-T/R	SOT-223	NPN 40V 5A Low VCEsat	.31	.289	.272
◆ 771-PBSS4350X-T/R	SOT-89	NPN 50V 3A Low VCEsat	.57	.40	.331
◆ 771-PBSS4350Z-T/R	SOT-223	NPN 50V 3A Low VCEsat	.16	.148	.14
◆ 771-PBSS4041NT215	SOT-23	NPN 60V 3.8A Low VCEsat	.17	.157	.147
◆ 771-PBSS304ND-T/R	SOT-457	NPN 80V 3A Low VCEsat	.66	.49	.401
◆ 771-PBSS4480X135	SOT-89	NPN 80V 4A Low VCEsat	.28	.257	.242
◆ 771-PBSS305NX-T/R	SOT-89	NPN 80V 4.6A Low VCEsat	.99	.78	.702
◆ 771-PBSS305NZ-T/R	SOT-223	NPN 80V 5.1A Low VCEsat	.44	.408	.384
<b>PNP Low VCE SAT (BISS) Transistors</b>					
◆ 771-PBSS4021PT215	SOT-23	PNP -20V -3.5A Low VCEsat	.17	.157	.147
◆ 771-PBSS301PD115	SOT-457	PNP -20V -4A Low VCEsat	.73	.56	.495
◆ 771-PBSS302PZ-T/R	SOT-223	PNP -20V -5.5A Low VCEsat	.44	.408	.384
◆ 771-PBSS4032PT215	SOT-23	PNP -30V -2.4A Low VCEsat	.17	.157	.147
◆ 771-PBSS5140T215	SOT-23	PNP -40V -1A Low VCEsat	.16	.145	.137
◆ 771-PBSS5240PF115					