

ADDITIONAL TRANSISTORS

Item Number	Part Number	Manufacturer	Polarity	Matl.	Description	Package Style
Unijunction Transistors, (Cont'd)						
-	2N1671A	See Index	PN	Si	Pt .45W;n .62 max;RBB 9.1kohm max;lv 8.0mA min;lp 25uA max.	TO-5
-	2N1671B	See Index	PN	Si	Pt 450mW;n .62 max;RBB 9.1kohm max;lv 8.0mA min;lp 6.0uA max.	TO-5
-	2N1671C	See Index	PN	Si	Pt 450mW;VB2E 30V;VB2B1 35V;RBB 4.7 to 9.1kohm;n .47 to .62;IB 2(MOD) 6.8 to 22mA.	TO-5
-	2N2160	See Index	PN	Si	Pt .45W;VB2B1 35V max;le 70mA;n .80 max;lp 25uA max.	TO-5
5	2N2213	Swampscott	PN	Si	Pc-.45W; Rbb-9.1 ohms max; VB2B1-40V; VB2E-60V.	N/A
-	2N2213	Space Power	PN	Si	Pc-.45W; Rbb-9.1 ohms max; VB2B1-40V; VB2E-60V.	N/A
-	2N2417	See Index	PN	Si	Pt 300mW;RBB 6.8kohm max;n .62 max;lp 12uA max;IB 2(MOD) 22mA max.	TO-18
-	2N2417A	See Index	PN	Si	Pt 300mW;RBB 6.8kohm max;n .62 max;VEB1(sat) 5.0V max;lv 8.0mA min.	TO-18
-	2N2417B	See Index	PN	Si	Pt 300mW;RBB 6.8kohm max;n .62 max;lp 6.0uA max;VOB1 3.0V min.	TO-18
10	2N2418	See Index	PN	Si	Pt 300mW;RBB 9.1kohm max;n .62 max;lp 12uA max;IB 2(MOD) 22mA max.	TO-18
-	2N2418A	See Index	PN	Si	Pt 300mW;RBB 9.1kohm max;n .62 max;VEB1(sat) 5.0V max;lv 8.0mA min.	TO-18
-	2N2418B	See Index	PN	Si	Pt 300mW;RBB 9.1kohm max;n .62 max;lp 6.0uA max;VOB1 3.0V min.	TO-18
-	2N2419	See Index	PN	Si	Pt 300mW;RBB 6.8kohm max;n .68 max;lp 12uA max;IB 2(MOD) 22mA max.	TO-18
-	2N2419A	See Index	PN	Si	Pt 300mW;RBB 6.8kohm max;n .68 max;VEB1(sat) 5.0V max;lv 8.0mA min.	TO-18
-	2N2419B	See Index	PN	Si	Pt 300mW;RBB 6.8kohm max;n .68 max;lp 6.0uA max;VOB1 3.0V min.	TO-18
-	2N2420	See Index	PN	Si	Pt 300mW;RBB 9.1kohm max;n .68 max;lp 12uA max;IB 2(MOD) 22mA max.	TO-18
-	2N2420A	See Index	PN	Si	Pt 300mW;RBB 9.1kohm max;n .68 max;VEB1(sat) 5.0V max;lv 8.0mA min.	TO-18
-	2N2420B	See Index	PN	Si	Pt 300mW;RBB 9.1kohm max;n .68 max;lp 6.0uA max;VOB1 3.0V min.	TO-18
-	2N2421	See Index	PN	Si	Pt 300mW;RBB 6.8kohm max;n .75 max;lp 12uA max;IB 2(MOD) 22mA max.	TO-18
20	2N2421A	See Index	PN	Si	Pt 300mW;RBB 6.8kohm max;n .75 max;VEB1(sat) 5.0V max;lv 8.0mA min.	TO-18
-	2N2421B	See Index	PN	Si	Pt 300mW;RBB 6.8kohm max;n .75 max;lp 6.0uA max;VOB1 3.0V min.	TO-18
-	2N2422	See Index	PN	Si	Pt 300mW;RBB 9.1kohm max;n .75 max;lp 12uA max;IB 2(MOD) 22mA max.	TO-18
-	2N2422A	See Index	PN	Si	Pt 300mW;RBB 9.1kohm max;n .75 max;VEB1(sat) 5.0V max;lv 8.0mA min.	TO-18
-	2N2422B	See Index	PN	Si	Pt 300mW;RBB 9.1kohm max;n .75 max;lp 6.0uA max;VOB1 3.0V min.	TO-18
-	2N2646	See Index	PN	Si	Pt .30W;VB2E 30V;VB2B1 35V;RBB 9.1kohm max;VOB1 3V;IP 5uA;n .56-.75;IV 4mA min	TO-18
-	2N2647	See Index	PN	Si	Pt .30W;VB2E 30V;VB2B1 35V;RBB 9.1kohm max;VOB1 6V;IP 2uA;n .68-.82;IV 8-18mA	TO-18
-	2N2840	See Index	PN	Si	Pt .30W;VB2E 30V;VBB 35V;lp 10uA max;lv .70mA max.	TO-72
-	2N3479	CentralSemi	PN	Si	Pc .40W;RBB 9.1kohms max;n .62 max;lv 4.0mA min;lp 20uA max.	TO-5
-	2N3479	CrimsonSemi	PN	Si	Pc .40W;RBB 9.1kohms max;n .62 max;lv 4.0mA min;lp 20uA max.	TO-5
30	2N3479	Space Power	PN	Si	Pc .40W;RBB 9.1kohms max;n .62 max;lv 4.0mA min;lp 20uA max.	TO-5
-	2N3480	CentralSemi	PN	Si	Pc .40W;RBB 9.1kohms max;n .75 max;lv 4.0mA min;lp 20uA max.	TO-5
-	2N3480	CrimsonSemi	PN	Si	Pc .40W;RBB 9.1kohms max;n .75 max;lv 4.0mA min;lp 20uA max.	TO-5
-	2N3480	Space Power	PN	Si	Pc .40W;RBB 9.1kohms max;n .75 max;lv 4.0mA min;lp 20uA max.	TO-5
-	2N3481	CentralSemi	PN	Si	Pc .40W;RBB 9.1kohms max;n .85 max;lv 4.0mA min;lp 20uA max.	TO-5
35	2N3481	Space Power	PN	Si	Pc .40W;RBB 9.1kohms max;n .85 max;lv 4.0mA min;lp 20uA max.	TO-5
-	2N3481	CrimsonSemi	PN	Si	Pc .40W;RBB 9.1kohms max;n .85 max;lv 4.0mA min;lp 20uA max.	TO-5
-	2N3482	CrimsonSemi	PN	Si	Pc .40W;RBB 9.1kohms max;n .85 max;lv 4.0mA min;lp 20uA max.	TO-5
-	2N3483	CentralSemi	PN	Si	Pc .40W;RBB 9.1kohms max;n .72 max;lv 4.0mA min;lp 5.0uA max.	TO-5
-	2N3483	Space Power	PN	Si	Pc .40W;RBB 9.1kohms max;n .72 max;lv 4.0mA min;lp 5.0uA max.	TO-5
40	2N3483	CrimsonSemi	PN	Si	Pc .40W;RBB 9.1kohms max;n .72 max;lv 4.0mA min;lp 5.0uA max.	TO-5
-	2N3484	Space Power	PN	Si	Pc .40W;RBB 9.1kohms max;n .85 max;lv 4.0mA min;lp 5.0uA max.	TO-5
-	2N3484	CrimsonSemi	PN	Si	Pc .40W;RBB 9.1kohms max;n .85 max;lv 4.0mA min;lp 5.0uA max.	TO-5
-	2N3484	CentralSemi	PN	Si	Pc .40W;RBB 9.1kohms max;n .85 max;lv 4.0mA min;lp 5.0uA max.	TO-5
-	2N3679	Semitronics	PN	Si	Pt-250mW;ISR-.80 max;RBB 9.1kohms max;lv 4.2mA min;VOB1-4.0V min.	TO-72
45	2N3679	Space Power	PN	Si	Pt-250mW;ISR-.80 max;RBB 9.1kohms max;lv 4.2mA min;VOB1-4.0V min.	TO-72
-	2N3980	See Index	PN	Si	PD .36W;le 50mA;RBB 8.0kohms;n .82 max;lp 2.0uA max;lv 10mA max.	TO-18
-	2N4851	See Index	PN	Si	PD .30W;RBB 9.1kohms max;n .75 max;lv 2.0mA max;lv 2.0uA max;fmax 1.25MHz typ.	TO-18
-	2N4852	See Index	PN	Si	PD .30W;RBB 9.1kohms max;n .85 max;lv 4.0mA max;lv 2.0uA max;fmax 1.25MHz typ.	TO-78
-	2N4853	See Index	PN	Si	PD 300mW;n .85 max;RBB 9.1kohm max;lv 6.0mA min;lp 0.4mA max;fmax 1.25MHz typ.	TO-18
50	2N4870	See Index	PN	Si	Pd .30W;VB2B1 35V max;lv 2.0mA min;VOB1 3.0V min;n .75 max.	TO-92
-	2N4871	See Index	PN	Si	Pd .30W;VB2B1 35V max;lv 4.0mA min;VOB1 5.0V min;n .85 max.	TO-92
-	2N489	See Index	PN	Si	Pt 450mW;n .62 max;RBB 6.8kohm max;lv 8.0mA min;lp 12uA max;IB 2(MOD) 22mA max.	TO-5
-	2N489A	See Index	PN	Si	Pt .45W max;RBB 6.8kohm max;n .62 max;lp 12uA max;lv 8.0mA min.	TO-5
-	2N489B	See Index	PN	Si	Pt 450mW;n .62 max;RBB 6.8kohm max;lv 6.0uA max;lv 8.0mA min.	TO-5
55	2N4891	See Index	PN	Si	Pt 360mW;RBB 9.1kohm max;n .82 max;VEB1(sat) 4.0V max;VOB1 3.0V min;lp 5.0uA max.	TO-92var
-	2N4892	See Index	PN	Si	Pt 360mW;RBB 9.1kohm max;n .69 max;VEB1(sat) 4.0V max;VOB1 3.0V min;lp 2.0uA max.	TO-92var
-	2N4893	See Index	PN	Si	Pt 360mW;RBB 12kohm max;n .82 max;VEB1(sat) 4.0V max;VOB1 6.0V min;lp 2.0uA max.	TO-92var
-	2N4894	See Index	PN	Si	Pt 360mW;RBB 12kohm max;n .86 max;VEB1(sat) 4.0V max;VOB1 3.0V min;lp 1.0uA max.	TO-92var
-	2N490	See Index	PN	Si	Pt 450mW;n .62 max;RBB 9.1kohm max;lv 8.0mA min;lp 12uA max;IB 2(MOD) 22mA max.	TO-5
60	2N490A	See Index	PN	Si	Pt .45W max;RBB 9.1kohm max;n .62 max;lp 12uA max;lv 8.0mA min.	TO-5
-	2N490B	See Index	PN	Si	Pt 450mW;n .62 max;RBB 9.1kohm max;lv 6.0uA max;lv 8.0mA min.	TO-5
-	2N490C	See Index	PN	Si	Pt .45W;RBB 9.1kohms;n .51 min;VEB(sat) 4.0V max.	TO-5
-	2N491	See Index	PN	Si	Pt 450mW;n .68 max;RBB 6.8kohm max;lv 8.0mA min;lp 12uA max;IB 2(MOD) 22mA max.	TO-5
65	2N491A	See Index	PN	Si	Pt .45W max;RBB 6.8kohm max;n .68 max;lp 12uA max;lv 8.0mA min.	TO-5
-	2N491B	See Index	PN	Si	Pt 450mW;n .68 max;RBB 6.8kohm max;lv 6.0uA max;lv 8.0mA min.	TO-5
-	2N492	See Index	PN	Si	Pt 450mW;n .68 max;RBB 9.1kohm max;lv 8.0mA min;lp 12uA max;IB 2(MOD) 22mA max.	TO-5
-	2N492A	See Index	PN	Si	Pt .45W max;RBB 9.1kohm max;n .68 max;lp 12uA max;lv 8.0mA min.	TO-5
-	2N492B	See Index	PN	Si	Pt 450mW;n .68 max;RBB 9.1kohm max;lv 6.0uA max;lv 8.0mA min.	TO-5
-	2N492C	See Index	PN	Si	Pt .45W;RBB 9.1kohms;n .56 min;VEB(sat) 4.3V max.	TO-5
70	2N493	See Index	PN	Si	Pt 450mW;n .75 max;RBB 6.8kohm max;lv 8.0mA min;lp 12uA max;IB 2(MOD) 22mA max.	TO-5
-	2N493A	See Index	PN	Si	Pt .45W max;RBB 6.8kohm max;n .75 max;lp 12uA max;lv 8.0mA min.	TO-5
-	2N493B	See Index	PN	Si	Pt 450mW;n .75 max;RBB 6.8kohm max;lv 6.0uA max;lv 8.0mA min.	TO-5
-	2N494	See Index	PN	Si	Pt 450mW;n .75 max;RBB 9.1kohm max;lv 8.0mA min;lp 12uA max;IB 2(MOD) 22mA max.	TO-5
75	2N494A	See Index	PN	Si	Pt .45W max;RBB 9.1kohm max;n .75 max;lp 12uA max;lv 8.0mA min.	TO-5
-	2N494B	See Index	PN	Si	Pt 450mW;n .75 max;RBB 9.1kohm max;lv 6.0uA max;lv 8.0mA min.	TO-5
-	2N494C	See Index	PN	Si	Pt .45W;RBB 9.1kohms;n .62 min;VEB1 4.6V max.	TO-5
-	2N4947	See Index	PN	Si	Pt .36W;RBB 9.1kohms max;n .69 max;lp 2.0uA max.	TO-18
-	2N4948	See Index	PN	Si	PD .36W;RBB 12kohms max;n .82 max;lp 2.0uA max;lv 4mA typ;fmax 1.25MHz typ.	TO-18
-	2N4949	See Index	PN	Si	PD .36W;RBB 12kohms max;n .86 max;lp 1.0uA max;lv 4mA typ;fmax 1.25MHz typ.	TO-18
80	2N5431	See Index	PN	Si	Pt .30W;n .80 max;RBB 8.5kohms;lp 4.0uA max;lv 2.0mA min.	TO-18
-	2N6119	See Index	PN	Si	Pt 400mW;VT 1.6V max;IP 5.0uA max;IV 1.5mA max;VO 9.0V max;VF 1.0V max.	TO-18
-	2N6120	CentralSemi	PN	Si	Pt 400mW;VT 600mV max;IP 1.0uA max;IV 1.0mA max;VO 9.0V max;VF 1.0V max.	TO-18
-	2SH20	Space Power	PN	Si	Pt 400mW;VT 600mV max;IP 1.0uA max;IV 1.0mA max;VO 9.0V max;VF 1.0V max.	TO-18
-	2SH21	ToshibaCorp	PN	Si	Pt 200mW;n .90 max;RBB 4.0kohms min;lv 2.0mA min;IP 8.0uA min.	TO-18
85	2SH21	ToshibaCorp	PN	Si	Pt 250mW;N 0.85 max;RBB 4kohm min;lv 4.0mA min;IP 4.0uA max	TO-18

Photo Transistors, (See OPTOELECTRONICS)

-	PD4	Dionics Inc	NPN	Ge	HFE 350 at VCE 10V;IC 1.0A;VCEO 400V;ICBO 20uA	N/A
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Additional Transistor Devices

-	3SK191 (A)	Hitachi Ltd		GaAs	VDS 12V;VG1S/2S +0.5,-6V;ID 80mA;Pch 150mW;NF 3 dB;Ciss 1.0pF;IDSS 32mA	SOT-143var
-	PF0004 (A)	Hitachi Ltd		Si	HF Power MOSFET Module;VDD 16V;IDS 500uA max;Pin 200mW;Pout 8W typ;nT 40% typ	SIP-Module
-	PF0007 (A)	Hitachi Ltd		Si	HF Power MOSFET Module;VDD 16V;IDS 500uA max;Pin 200mW;Pout 8W typ;nT 40% typ	SIP-Module
90	PF0008 (A)	Hitachi Ltd		Si	MOSFET Power Amplifier;UHF Band;VDD 17V;IDS 500uA max;Pin 30mW;Pout 9W typ	SIP-Module