



Transistors



Fig.	Package	VCEO (V)	VCBO (V)	IC (mA)	hFE		FT Min. (MHz)	Digi-Key Part No.	Cut Tape Pricing			Tape and Reel† Qty.	Pricing	NXP Part No.
					Min.	Max.			1	25	100			
NPN														
1	SOT-23	15	40	200	40	120	500	568-1739-1-ND	.40	4.28	11.40	3,000	26.44/M	PMBT2369,215
	SOT-23	20	30	1000	300	—	100	568-4342-1-ND▲	.23	3.97	13.63	3,000	64.44/M	PBSS4120T,215
	SOT-23	20	20	2000	200	—	100	568-4157-1-ND▲	.55	9.54	32.71	3,000	153.66/M	PBSS4320T,215
	SOT-23	20	20	4300	300	500	165	568-5075-1-ND	.43	7.55	25.90	3,000	121.44/M	PBSS4021NT,215
	SOT-23	30	40	1000	300	450	100	568-3230-1-ND▲	.41	7.15	24.54	3,000	115.66/M	PBSS4130T,215
	SOT-23	30	30	100	200	450	100	568-4868-1-ND	.26	2.73	7.27	3,000	19.83/M	BC848B,215
	SOT-23	30	40	2000	150	250	100	568-4155-1-ND	.31	5.47	18.75	3,000	88.40/M	PBSS4230T,215
	SOT-23	30	30	2600	300	500	180	568-5072-1-ND	.43	7.55	25.90	3,000	121.44/M	PBSS4032NT,215
	SOT-23	40	60	600	100	300	250	568-1743-1-ND	.26	2.85	7.60	3,000	20.66/M	PMBT4401,215
	SOT-23	40	40	1000	200	—	150	568-4154-1-ND▲	.41	7.15	24.54	3,000	115.66/M	PBSS4140T,215
	SOT-23	40	40	2000	150	250	100	568-4156-1-ND	.55	9.54	32.71	3,000	153.66/M	PBSS4240T,215
	SOT-23	40	60	200	100	300	300	568-1741-1-ND	.26	2.73	7.27	3,000	19.83/M	PMBT3904,215
	SOT-23	40	60	200	100	300	300	568-4510-1-ND	.26	2.73	7.27	3,000	19.83/M	MMBT3904,215
	SOT-23	40	75	600	100	300	300	568-4509-1-ND	.26	2.85	7.60	3,000	20.66/M	MMBT2222A,215
	SOT-23	40	75	600	100	300	300	568-1738-1-ND	.32	3.41	9.09	3,000	24.79/M	PMBT2222A,215
	SOT-23	45	75	500	160	400	80	568-1630-1-ND	.27	2.92	7.77	3,000	20.66/M	BC817-25,215
	SOT-23	45	50	500	160	400	80	568-1631-1-ND	.27	2.92	7.77	3,000	20.66/M	BC817-40,215
	SOT-23	45	50	100	200	450	100	568-1633-1-ND	.26	2.73	7.27	3,000	19.83/M	BC847B,215
	SOT-23	45	50	100	420	800	100	568-1636-1-ND	.26	2.73	7.27	3,000	19.83/M	BC847C,215
	SOT-23	45	50	100	110	220	100	568-4867-1-ND	.26	2.73	7.27	3,000	19.83/M	BC847A,215
	SOT-23	45	50	500	100	250	100	568-4865-1-ND	.27	2.92	7.77	3,000	20.66/M	BC817-16,215
	SOT-23	50	60	100	210	340	100	568-4661-1-ND	.44	4.99	13.88	3,000	40.48/M	2PD601ARL,215
	SOT-23	50	60	100	290	460	100	568-4662-1-ND	.44	4.99	13.88	3,000	40.48/M	2PD601ASL,215
	SOT-23	50	60	500	85	170	140	568-4663-1-ND	.36	4.97	15.12	3,000	50.40/M	2PD602AQL,215
	SOT-23	50	60	500	120	240	160	568-4664-1-ND	.36	4.97	15.12	3,000	50.40/M	2PD602ARL,215
	SOT-23	50	60	500	170	340	180	568-4665-1-ND	.36	4.97	15.12	3,000	50.40/M	2PD602ASL,215
	SOT-23	60	80	1000	200	—	150	568-4343-1-ND▲	.44	7.59	26.04	3,000	122.27/M	PBSS4160T,215
	SOT-23	60	80	500	2000	—	220	568-5010-1-ND	.45	6.39	19.43	3,000	64.44/M	BCV47,215
	SOT-23	60	60	3800	120	—	175	568-5069-1-ND	.43	7.55	25.90	3,000	121.44/M	PBSS4041NT,215
	SOT-23	65	80	100	110	450	100	568-4866-1-ND	.26	2.73	7.27	3,000	19.83/M	BC846A,215
	SOT-23	65	80	100	200	450	100	568-1632-1-ND	.26	2.73	7.27	3,000	19.83/M	BC846B,215
	SOT-23	80	80	500	100	—	100	568-1745-1-ND	.40	4.28	11.40	3,000	26.44/M	PMBTA06,215
SOT-23	100	120	1000	150	500	100	568-4344-1-ND▲	.41	7.15	24.54	3,000	115.66/M	PBSS8110T,215	
SOT-23	160	180	300	80	250	300	568-5034-1-ND	.65	6.97	18.59	3,000	33.05/M	PMBT5551,215	
SOT-23	300	300	100	40	—	50	568-1746-1-ND	.38	4.37	12.16	3,000	35.53/M	PMBTA42,215	
2A	SOT-363	45	50	100	200	450	100	568-1635-1-ND	.49	5.58	15.53	3,000	45.44/M	BC847BS,115
3A	SOT-223	20	20	5800	200	350	140	568-4179-1-ND	.78	15.49	55.76	4,000	289.14/M	PBSS302NZ,135
	SOT-223	40	40	5000	100	300	70	568-4162-1-ND	.64	12.29	43.37	1,000	231.31	PBSS4540Z,115
	SOT-223	40	60	600	100	300	150	568-2456-1-ND	.63	10.26	33.70	1,000	147.05	PZT4401,115
	SOT-223	50	60	3000	100	—	100	568-4160-1-ND	.41	7.15	24.54	4,000	115.66/M	PBSS4350Z,135
	SOT-223	80	80	5100	50	80	110	568-4181-1-ND	.78	15.31	55.09	4,000	263.53/M	PBSS305NZ,135
	SOT-223	80	100	1000	40	250	130	568-1639-1-ND	.48	7.03	22.68	1,000	90.87	BCP56,115
	SOT-223	40	75	600	100	300	300	568-4879-1-ND	.56	9.23	30.32	1,000	132.18	PZT2222A,115
	SOT-223	45	45	1A	100	250	180	568-5008-1-ND	.57	8.38	27.01	1,000	97.48	BCP54-16,115
SOT-223	80	100	1A	100	250	180	568-5009-1-ND	.48	7.03	22.68	1,000	90.87	BCP56-16,115	
4	SC-75	15	15	500	90	—	250	568-4148-1-ND	.36	5.98	19.65	3,000	83.44/M	PBSS2515E,115
	SOT-89	20	20	5300	200	380	140	568-4173-1-ND	.57	10.95	38.66	1,000	193.31	PBSS302NX,115
	SOT-89	40	60	100	100	300	300	568-1181-1-ND	.54	9.35	32.06	1,000	165.22	PXT2222A,115
	SOT-89	50	50	3000	100	—	100	568-4159-1-ND	.47	7.65	25.13	1,000	115.65	PBSS4350X,115
	SOT-89	60	60	1A	100	250	180	568-5011-1-ND	.51	7.53	24.29	1,000	97.48	BCX55-16,115
	SOT-89	80	80	4600	70	110	110	568-4177-1-ND	.49	9.67	34.80	1,000	194.96	PBSS305NX,115
5	SOT-89	80	100	1000	100	250	130	568-1642-1-ND	.51	7.53	24.29	1,000	97.48	BCX56-16,115
	SOT-89	80	100	1A	63	160	180	568-5012-1-ND	.51	7.53	24.29	1,000	97.48	BCX56-10-115
	SC-74	20	20	4000	100	230	100	568-4149-1-ND	.60	11.59	40.89	3,000	197.44/M	PBSS301ND,115
	SC-74	30	30	359	250	—	135	568-5073-1-ND	.50	8.75	29.99	3,000	141.27/M	PBSS4032ND,115
	SC-74	40	60	4000	50	—	150	568-4151-1-ND	.43	8.26	29.14	3,000	150.35/M	PBSS302ND,115
	SC-74	50	60	3000	100	—	100	568-4158-1-ND	.41	7.15	24.54	3,000	115.66/M	PBSS4350D,115
6A	SC-74	80	80	3000	25	40	140	568-4175-1-ND	.32	6.27	22.14	—	—	PBSS304ND,115
	SC70-3	40	75	600	100	300	300	568-4522-1-ND	.36	4.18	11.63	3,000	33.87/M	PMST2222A,115
	SOT-323	40	60	200	100	300	300	568-4878-1-ND	.45	4.83	12.89	3,000	30.57/M	PMST3904,115
	SOT-323	45	50	100	420	800	100	568-5006-1-ND	.38	4.06	10.82	3,000	28.92/M	BC847CW,115
PNP														
1	SOT-23	20	20	1000	250	—	100	568-4345-1-ND▲	.41	7.15	24.54	3,000	115.66/M	PBSS5120T,215
	SOT-23	20	20	2000	100	—	100	568-4166-1-ND▲	.34	5.50	18.07	3,000	76.83/M	PBSS5320T,215
	SOT-23	20	20	3500	140	—	155	568-5074-1-ND	.43	7.55	25.90	3,000	121.44/M	PBSS4021PT,215
	SOT-23	30	30	1000	260	—	100	568-4346-1-ND▲	.41	7.15	24.54	3,000	115.66/M	PBSS5130T,215
	SOT-23	30	30	2400	150	—	160	568-5070-1-ND	.43	7.55	25.90	3,000	121.44/M	PBSS4032PT,215
	SOT-23	40	40	1000	160	—	150	568-4163-1-ND▲	.40	7.00	23.99	3,000	119.79/M	PBSS5140T,215
	SOT-23	40	40	2000	100	180	100	568-4165-1-ND	.55	9.54	32.71	3,000	153.66/M	PBSS5240T,215
	SOT-23	40	40	200	100	300	250	568-1742-1-ND	.26	2.73	7.27	3,000	19.83/M	PMBT3906,215
	SOT-23	40	40	200	100	300	250	568-4511-1-ND	.26	2.73	7.27	3,000	19.83/M	MMBT3906,215
	SOT-23	40	40	600	100	300	200	568-1744-1-ND	.26	2.85	7.60	3,000	20.66/M	PMBT4403,215
	SOT-23	40	40	100	220	475	100	568-1638-1-ND	.27	2.92	7.77	3,000	20.66/M	BC857B,215
	SOT-23	45	45	100	210	340	70	568-4657-1-ND	.41	4.75	13.22	3,000	38.83/M	2PB709ARL,215
	SOT-23	45	45	100	290	460	80	568-4658-1-ND	.41	4.75	13.22	3,000	38.83/M	2PB709ASL,215
	SOT-23	45	50	500	100	600	80	568-1640-1-ND	.38	4.37	12.16	3,000	35.53/M	BCX17,215
SOT-23	45	50	500	250	600	80	568-1629-1-ND	.27	2.92	7.77	3,000			