

Electrical Characteristics													Complementary	Package	Mass (g)
V _{CE (sat)} (V) max	V _{BE (sat)} (V) max	Conditions		f _T MHz	Conditions		Switching Time			C _{ob} (pF)					
		I _c (A)	I _B (A)		V _{CE} (V)	I _E (A)	t _{on} (μs)	t _{stg} (μs)	t _r (μs)						
-2.0		-5	-0.5	60	-12	1	0.25typ	0.8typ	0.2typ	110typ	2SC2837	TO-3P (MT-100)			
-2.0		-5	-0.5	50	-12	2	0.25typ	0.85typ	0.2typ	400typ	2SC2921	MT-200	18.4		
-2.0		-8	-0.8	40	-12	2	0.3typ	0.7typ	0.2typ	500typ	2SC2922	MT-200	18.4		
-2.0		-5	-0.5	35	-12	2	0.35typ	1.5typ	0.3typ	500typ	2SC3263	TO-3P (MT-100)	6.0		
-2.0		-5	-0.5	35	-12	2	0.35typ	1.5typ	0.3typ	500typ	2SC3264	MT-200	18.4		
-2.0		-5	-0.5	50	-12	2	0.25typ	0.85typ	0.2typ	400typ	2SC3284	TO-3P (MT-100)	6.0		
-2.0		-5	-0.5	40	-12	2	0.3typ	0.7typ	0.2typ	500typ	2SC3519	TO-3P (MT-100)	6.0		
-2.0		-5	-0.5	40	-12	2	0.3typ	0.7typ	0.2typ	500typ	2SC3519A	TO-3P (MT-100)	6.0		
-0.5		-2	-0.2	15	-12	0.2	0.25typ	0.75typ	0.25typ	90typ	2SC3851	TO-220F (FM20)	2.0		
-0.5		-2	-0.2	15	-12	0.2	0.25typ	0.75typ	0.25typ	90typ	2SC3851A	TO-220F (FM20)	2.0		
-2.0		-5	-0.5	20	-12	0.5	0.6typ	0.9typ	0.2typ	500typ	2SC3856	TO-3P (MT-100)	6.0		
-3.0		-10	-1	20	-12	0.5	0.3typ	0.9typ	0.2typ	400typ	2SC3857	MT-200	18.4		
-2.5		-10	-1	20	-12	1	0.6typ	0.9typ	0.2typ	500typ	2SC3858	MT-200	18.4		
-0.35		-6	-0.3	40	-12	0.5	0.4typ	0.4typ	0.2typ	330typ		TO-220F (FM20)	2.0		
-0.35		-6	-0.3	40	-12	0.5	0.4typ	0.4typ	0.2typ	330typ		TO-220F (FM20)	2.0		
-1.0		-0.7	-0.07	20	-12	0.2	0.4typ	1.5typ	0.5typ	60typ	2SC4381	TO-220F (FM20)	2.0		
-1.0		-0.7	-0.07	20	-12	0.2	0.4typ	1.5typ	0.5typ	60typ	2SC4382	TO-220F (FM20)	2.0		
-2.0		-5	-0.5	20	-12	0.5	0.6typ	0.9typ	0.2typ	500typ	2SC4388	TO-3PF (FM100)	6.5		
-1.5		-2	-0.2	20	-12	0.5	0.18typ	1.1typ	0.21typ	150typ	2SC4466	TO-3P (MT-100)	6.0		
-1.5		-3	-0.3	20	-12	0.5	0.14typ	1.4typ	0.21typ	300typ	2SC4467	TO-3P (MT-100)	6.0		
-0.5		-5	-0.5	20	-12	0.5	0.17typ	1.86typ	0.27typ	400typ	2SC4468	TO-3P (MT-100)	6.0		
-0.5		-2	-0.2	20	-12	0.5	0.18typ	1.1typ	0.21typ	150typ	2SC4511	TO-220F (FM20)	2.0		
-0.5	-1.2	-5	-0.08	25	-12	1	0.5typ	0.6typ	0.3typ	400typ		TO-3PF (FM100)	6.5		
-1.0		-0.7	-0.07	60	-12	0.7	0.5typ	1typ	0.5typ	30typ	2SC4883	TO-220F (FM20)	2.0		
-1.0		-0.7	-0.07	60	-12	0.7	0.5typ	1typ	0.5typ	30typ	2SC4883A	TO-220F (FM20)	2.0		
-2.0		-5	-0.5	50	-12	2	0.25typ	0.85typ	0.2typ	400typ	2SC4886	TO-3PF (FM100)	6.5		
-0.5		-12	-0.2	20	-12	0.5	0.18typ	1.1typ	0.21typ	150typ	2SC5099	TO-3PF (FM100)	6.5		
-0.5		-3	-0.3	20	-12	0.5	0.14typ	1.4typ	0.21typ	300typ	2SC5100	TO-3PF (FM100)	6.5		
-0.5		-5	-0.5	20	-12	0.5	0.17typ	1.86typ	0.27typ	400typ	2SC5101	TO-3PF (FM100)	6.5		
-0.5		-5	-0.5	20	-12	-0.5	-	-	-	450typ	2SC6011	TO-3P (MT-100)	6.0		
-0.5		-5	-0.5	20	-12	-0.5	-	-	-	450typ	2SC6011A	TO-3P (MT-100)	6.0		
-0.5		-5	-0.5	35	-12	2	-	-	-	500typ	2SC6145	TP-3P (MT-100)	6.0		
-1.5	-2.0	-3	-0.006	200	-12	0.2	0.4typ	0.8typ	0.6typ	75typ	2SD2014	TO-220F (FM20)	2.0		
-1.5	-2.0	-3	-0.006	100	-12	0.2	0.6typ	1.6typ	0.5typ	100typ	2SD1785	TO-220F (FM20)	2.0		
-1.5	-2.0	-5	-0.01	100	-12	0.2	0.6typ	1.6typ	0.5typ	145typ	2SD2081	TO-220F (FM20)	2.0		
-1.5	-2.0	-10	-0.02	130	-12	1	0.7typ	1.5typ	0.6typ	170typ		TO-220F (FM20)	2.0		
-1.5	-2.5	-8	-0.016	50	-12	1	0.8typ	1.8typ	1typ	350typ	2SD2082	TO-3PF (FM100)	6.5		
-1.8	-2.5	-12	-0.024	50	-12	1	1typ	3typ	1typ	230typ	2SD2083	TO-3P (MT-100)	6.0		
-1.5	-2.5	-8	-0.016	50	-12	1	1typ	3typ	1typ	350typ		TO-3P (MT-100)	6.0		
-2.5	-3.0	-6	-0.006	65	-12	1	0.7typ	3.6typ	0.9typ	160typ	2SD2389	TO-3P (MT-100)	6.0		
-2.5	-3.0	-7	-0.007	50	-12	2	0.8typ	3typ	1.2typ	230typ	2SD2390	TO-3P (MT-100)	6.0		
-2.5	-3.0	-7	-0.007	50	-12	2	0.8typ	3typ	1.2typ	230typ	2SD2401	MT-200	18.4		
-2.5	-3.0	-6	-0.006	65	-12	1	0.7typ	3.6typ	0.9typ	160typ	2SD2438	TO-3PF (FM100)	6.5		
-2.5	-3.0	-7	-0.007	50	-12	2	0.8typ	3typ	1.2typ	230typ	2SD2439	TO-3PF (FM100)	6.5		
-2.5	-3.0	-10	-0.01	45	-12	2	0.7typ	1.6typ	1.1typ	320typ	2SD2560	TO-3P (MT-100)	6.0		
-2.5	-3.0	-10	-0.01	45	-12	2	0.7typ	1.6typ	1.1typ	320typ	2SD2561	MT-200	18.4		
-2.5	-3.0	-10	-0.01	45	-12	2	0.7typ	1.6typ	1.1typ	320typ	2SD2562	TO-3PF (FM100)	6.5		

Part Number	Applications	Absolute Maximum Ratings						I _{CBO}		h _{FE}			
		V _{CB0}	V _{CE0}	I _c	P _c	I _{CBO} (μ A)	Conditions V _{CB} (V)	min	max	Conditions			
		(V)	(V)	(A)	(W)					V _{CE}	I _c		
										(V)	(A)		
2SC2837	Audio, general-purpose	150	150	10	100	100	150	50	180	4	3		
2SC2921	Audio, general-purpose	160	160	15	150	100	160	50	180	4	5		
2SC2922	Audio, general-purpose	180	180	17	200	100	180	30	180	4	8		
2SC3263	Audio, general-purpose	230	230	15	130	100	230	50	140	4	5		
2SC3264	Audio, general-purpose	230	230	17	200	100	230	50	140	4	5		
2SC3284	Audio, general-purpose	150	150	14	125	100	150	50	180	4	5		
2SC3519	Audio, general-purpose	160	160	15	130	100	160	50	180	4	5		
2SC3519A	Audio, general-purpose	180	180	15	130	100	180	50	180	4	5		
2SC3835	Humidifier, DC-DC converter, general-purpose	200	120	7 (Pulse 14)	70	100	200	70	220	4	3		
2SC3851	Audio, PPC high voltage power supply, general-purpose	80	60	4	25	100	80	40	320	4	1		
2SC3851A	Audio, PPC high voltage power supply, general-purpose	100	80	4	25	100	100	40	320	4	1		
2SC3852	Solenoid/motor driver/series regulator, general-purpose	80	60	3	25	10	80	500		4	0.5		
2SC3852A	Solenoid/motor driver/series regulator, general-purpose	100	80	3	25	10	100	500		4	0.5		
2SC3856	Audio, general-purpose	200	180	15	130	100	200	80	180	4	3		
2SC3857	Audio, general-purpose	200	200	15	150	100	200	50	180	4	5		
2SC3858	Audio, general-purpose	200	200	17	200	100	200	50	180	4	8		
2SC3927	Switching regulator, general-purpose	900	550	10 (Pulse 15)	120	100	800	10	28	4	5		
2SC4024	DC-DC converter, emergency lamp inverter, general-purpose	100	50	10	35	100	100	300	1600	4	1		
2SC4131	DC-DC converter, emergency lamp inverter, general-purpose	100	50	15 (Pulse 20)	60	10	100	60	360	1	5		
2SC4138	Switching regulator, general-purpose	500	400	10 (Pulse 20)	80	100	500	10	30	4	6		
2SC4140	Switching regulator, general-purpose	500	400	18 (Pulse 36)	130	100	500	10	30	4	10		
2SC4153	Humidifier, DC-DC converter, general-purpose	200	120	7 (Pulse 14)	30	100	200	70	220	4	3		
2SC4300	Switching regulator, general-purpose	900	800	5 (Pulse 10)	75	100	800	10	30	4	2		
2SC4301	Switching regulator, lighting inverter, general-purpose	900	800	7 (Pulse 14)	80	100	800	10	30	4	3		
2SC4304	Switching regulator, general-purpose	900	800	3 (Pulse 6)	35	100	800	10	30	4	0.7		
2SC4381	TV vertical output, audio output driver, general-purpose	150	150	2	25	10	150	60		10	0.7		
2SC4382	TV vertical output, audio output driver, general-purpose	200	200	2	25	10	200	60		10	0.7		
2SC4388	Audio, general-purpose	200	180	15	85	10	200	50	180	4	3		
2SC4445	Switching regulator, general-purpose	900	800	3 (Pulse 6)	60	100	800	10	30	4	0.7		
2SC4466	Audio, general-purpose	120	80	6	60	10	120	50	180	4	2		
2SC4467	Audio, general-purpose	160	120	8	80	10	160	50	180	4	3		
2SC4468	Audio, general-purpose	200	140	10	100	10	200	50	180	4	3		
2SC4495	For audio temperature compensation, general-purpose	80	50	3	25	10	80	500		4	0.5		
2SC4511	Audio, general-purpose	120	80	6	30	10	120	50	180	4	2		
2SC4518	Switching regulator, lighting inverter, general-purpose	900	550	5 (Pulse 10)	35	100	800	10	25	4	1.8		
2SC4518A	Switching regulator, lighting inverter, general-purpose	1000	550	5 (Pulse 10)	35	100	800	10	25	4	1.8		
2SC4546	Switching regulator, lighting inverter, general-purpose	600	400	7 (Pulse 14)	30	100	600	10	25	4	3		
2SC4706	Switching regulator, general-purpose	900	600	14 (Pulse 28)	130	100	800	10	25	4	7		
2SC4883	Audio output driver, TV velocity modulation	150	150	2	20	10	150	60	240	10	0.7		
2SC4883A	Audio output driver, TV velocity modulation	180	180	2	20	10	180	60	240	10	0.7		
2SC4886	Audio, general-purpose	150	150	14	80	100	150	50	180	4	5		
2SC5071	Switching regulator, general-purpose	500	400	12 (Pulse 24)	100	100	500	10	30	4	7		
2SC5099	Audio, general-purpose	120	80	6	60	10	120	50	180	4	2		
2SC5100	Audio, general-purpose	160	120	8	75	10	160	50	180	4	3		
2SC5101	Audio, general-purpose	200	140	10	80	10	200	50	180	4	3		
2SC5130	Switching regulator, general-purpose	600	400	5 (Pulse 10)	30	100	500	10	30	4	1.5		
2SC5287	Switching regulator, general-purpose	900	550	5 (Pulse 10)	80	100	800	10	25	4	1.8		
2SC6011	Audio, general-purpose	200	200	15	160	10	200	50	180	4	3		
2SC6011A	Audio, general-purpose	230	230	15	160	10	230	50	180	4	3		
2SC6145	Audio, general-purpose	230	230	15	160	10	230	40	140	4	5		