

SILICON PNP - POWER TRANSISTORS

	MAX. THERMAL RES. Junction to Case θ_{jc} (°C/W)	MAX. COLL. DISS. in Free Air @25°C P_c (Watts)	MAX. TEMP.	ABSOLUTE MAX. RATINGS @25°C.					h_{FE}				(MIN.) GBW $I_C=50\text{ MA}$ $V_{CE}=10\text{ V}$ @20 MC	COB	CASE TYPE	
				I_C	I_B	BV_{CBO}	BV_{EBO}	MAX. BVC_{EO} @ $I_C=25\text{ MA}$ $BV_{CER} \diamond$ @200 μA $R_{BE}=10\Omega$	I_{CBO} @25°C (μA)	BIAS		MIN.				TYP (MAX)*
										V_{CE}	I_C					
				(AMP)	(AMP)	(VOLT)	(VOLT)	(VOLT)		(VOLT)	(mA)					
2N5091	17.5	1.0		1.0	.5	350	6.0	300	.5	10	100	20	200*	2.5	20	TO-5
2N5093	17.5	1.0		1.0	.5	400	6.0	350	.5	10	100	20	200*	2.5	20	TO-5
2N5094	17.5	1.0		1.0	.5	450	6.0	400	.5	10	100	20	200*	2.5	20	TO-5
2N5096	17.5	1.0		1.0	.5	500	6.0	450	.5	10	100	20	200*	2.5	20	TO-5
2N5100	17.5	2.0		1.0	.5	450	6.0	400	.5	10	100	20	200*	2.5	20	MD-14
2N3743	17.5	1.0		1.0	.5	300	5.0	300	3	10	30	25	250*	1.5	15	TO-5
2N4930	17.5	1.0		1.0	.5	200	4.0	200	1.0	10	10	20	200*	1.5	20	TO-5
2N4931	17.5	1.0		1.0	.5	250	4.0	200	1.0	10	10	20	200*	1.5	20	TO-5
2N5281	17.5	1.0		1.0	.5	175	6.0	150	1.0	10	10	30	200*	1.5	20	TO-5
2N5282	17.5	1.0		1.0	.5	325	6.0	300	1.0	10	10	30	200*	1.5	20	TO-5
2N5415	17.5	1.0		1.0	.5		4.0	200	50 $\uparrow\uparrow$	10	50	30	150*	1.5	15	TO-5
2N5416	17.5	1.0		1.0	.5	350	6.0	300	50 $\uparrow\uparrow$	10	50	30	120*	1.5	15	TO-5
TRSP2254	17.5	1.0		1.0	.5	225	5.0	225 $\diamond$	3	10	25	25	50	1.5	15	TO-5
TRSP2254S	17.5	1.0		1.0	.5	250	5.0	225	3	10	25	25	50	1.5	15	TO-5
TRSP2504	17.5	1.0		1.0	.5	250	5.0	250 $\diamond$	3	10	25	25	50	1.5	15	TO-5
TRSP2504S	17.5	1.0		1.0	.5	275	5.0	250	3	10	25	25	50	1.5	15	TO-5
TRSP2754	17.5	1.0		1.0	.5	275	5.0	275 $\diamond$	3	10	25	25	50	1.5	15	TO-5
TRSP2754S	17.5	1.0		1.0	.5	300	5.0	275	3	10	25	25	50	1.5	15	TO-5
TRSP3014	17.5	1.0		1.0	.5	300	5.0	300 $\diamond$	3	10	25	25	50	1.5	15	TO-5
TRSP3014S	17.5	1.0		1.0	.5	325	5.0	300	3	10	25	25	50	1.5	15	TO-5
TRSP3504	17.5	1.0		1.0	.5	350	5.0	350 $\diamond$	3	10	25	25	50	1.5	15	TO-5
TRSP3514S	17.5	1.0		1.0	.5	375	5.0	350	3	10	25	25	50	1.5	15	TO-5
TRSP4014	17.5	1.0		1.0	.5	400	5.0	400 $\diamond$	3	10	25	25	50	1.5	15	TO-5
TRSP4014S	17.5	1.0		1.0	.5	425	5.0	400	3	10	25	25	50	1.5	15	TO-5
TRSP4254S	17.5	1.0		1.0	.5	450	5.0	425	3	10	25	25	50	1.5	15	TO-5
TRSP4504	17.5	1.0		1.0	.5	450	5.0	450 $\diamond$	3	10	25	25	50	1.5	15	TO-5
TRSP4504S	17.5	1.0		1.0	.5	475	5.0	450	3	10	25	25	50	1.5	15	TO-5
TRSP4754S	17.5	1.0		1.0	.5	500	5.0	475	3	10	25	25	50	1.5	15	TO-5
TRSP5014	17.5	1.0		1.0	.5	500	5.0	500 $\diamond$	3	10	25	25	50	1.5	15	TO-5
TRSP5014S	17.5	1.0		1.0	.5	525	5.0	500	3	10	25	25	50	1.5	15	TO-5
TRSP2255	17.5	2.0		1.0	.5	225	5.0	225 $\diamond$	3	10	25	25	50	1.5	15	MD-14
TRSP2255S	17.5	2.0		1.0	.5	250	5.0	225	3	10	25	25	50	1.5	15	MD-14
TRSP2505	17.5	2.0		1.0	.5	250	5.0	250 $\diamond$	3	10	25	25	50	1.5	15	MD-14
TRSP2505S	17.5	2.0		1.0	.5	275	5.0	250	3	10	25	25	50	1.5	15	MD-14
TRSP2755	17.5	-2.0		1.0	.5	275	5.0	275 $\diamond$	3	10	25	25	50	1.5	15	MD-14

NOTE: $\uparrow\uparrow$ ICEO * MAX. h_{FE} $\diamond$ BV_{CER} MAX COLL DISS W/Inf HEAT SINK 10 WATTS
TEMP RANGE -65° to +200°C

TRSP-02254-X