

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. ABSOLUTE RATINGS @25°C	h_{FE}									(MIN.) GBW $I_C=50\text{ MA}$ $V_{CE}=10\text{ V}$ $f=20\text{ MC}$	COB	CASE TYPE
				BIAS		MIN.	TYP	BIAS		MIN.	TYP				
				V_{CE} (VOLT)	I_C (mA)			V_{CE} (VOLT)	I_C (mA)						
			I_C (AMP)	I_B (AMP)	BV_{CBO} (VOLT)	BV_{EBO} (VOLT)	BV_{CEO} @ $I_C=25\text{ MA}$ (VOLT)	MAX. I_{CBO} @25°C (uA)							
					@200 uA	@100 uA	@200 uA					(MAX)*			
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 ††	10	50	30	150*	1.5	15	TO-5
2N5416	17.5	1.0	1.0	.5	350	6.0	300	50 ††	10	50	30	120*	1.5	15	TO-5
TRSP2254	17.5	1.0	1.0	.5	225	5.0	225♦	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♦	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♦	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♦	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♦	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♦	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♦	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♦	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♦	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♦	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♦	3	10	25	25	50	1.5	15	MD-14

NOTE: †† ICEO * MAX. h_{FE} ♦ BV_{CER}

MAX COLL DISS W/Inf HEAT SINK 10 WATTS
TEMP RANGE -65° to +200°C

TRSP-02254-X