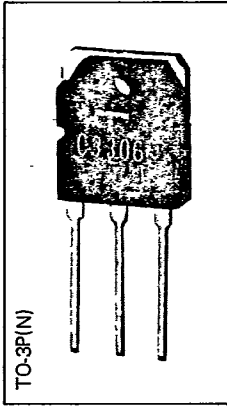
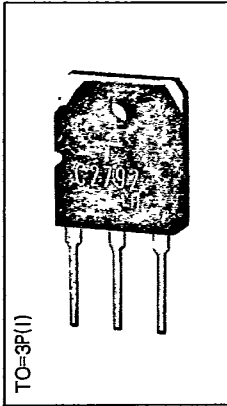


9097250 TOSHIBA (DISCRETE/OPTO)

67C 03893

D T-33-01

(11) TO-3P PACKAGE SERIES

OUT-LINE B
TO-3P(N)OUT-LINE A
TO-3P(I)

Application

AUDIO OUT

Type No.	IC	V _{CEO} (V)	P _C TC=25°C (W)	h _{FE}		V _{CE} (sat) MAX.		f _T TYP.		Cob TYP.		SW Time TYP.			OUT-LINE	
NPN	PNP	(A)	(V)	(A)	(V)	(A)	(V)	(MHz)	(V)	(pF)	(V)	t _{on} (μs)	t _{stg} (μs)	t _f (μs)		
2SD176	2SB686		100	60	55~160	5	1	2	4	0.4	12	5	1	100/270	10	0
2SC3180	2SA1263	5	100	60	55~160	5	1	2	5	0.5	30	5	1	105/290	10	0
2SC2563	2SA1093		120	80	55~240	5	1	2	4	0.4	90	5	1	130/220	10	0
2SD718	2SB688	8	120	80	55~160	5	1	2.5	5	0.5	12	5	1	170/280	10	0
2SC3181	2SA1264		120	80	55~160	5	1	2	6	0.6	30	5	1	190/420	10	0
2SC2706	2SA1146		140	100	55~240	5	1	2	5	0.5	90	5	1	130/220	10	0
2SC3182	2SA1265	10	140	100	55~160	5	1	2	7	0.7	30	5	1	220/480	10	0
2SD1148	2SB863		140	100	55~160	5	1	2	5	0.5	20	1	1	200/400	10	0

LOW V_{CE}(sat)

2SD844	2SB754	7	50	60	70~240	5	1	0.4	4	0.4	15	1	1	250/300	10	0
2SD717		10	50	80	70~240	1	1	0.4	6	0.3	10	4	1	350	10	0
2SD1187			80	80	70~240	1	1	0.5	6	0.3	10	4	1	350	10	0
TSB3055		10	80	70	20~100	4	4	1.1	4	0.4	8	10	0.5	70	10	0

SWITCHING REG.

2SC2792		2	800	80	10MIN.	5	0.5	1	0.5	50m	-	-	-	Δ*1.0	*4	*1.0
2SC3376		3	800	60	10MIN.	5	0.8	0.6	0.8	0.16	-	-	-	Δ*1.0	*4.0	*1.0
2SC3657		4	800	80	10MIN.	5	1	1	2	0.4	-	-	-	Δ*1.0	*2.5	*1.0
2SC2555		8	400	80	10MIN.	5	4	1	4	0.8	-	-	-	Δ*1.0	*2.5	*1.0
2SC3306		10	400	100	10MIN.	5	5	1.5	5	0.5	-	-	-	Δ*1.0	*2.5	*1.0

TV. REG. OUT

2SD1090		5	180	80	500~2000	5	1	1	1	20m	-	-	-	-	-	0
2SD1092		4	55 ⁺¹⁵ ₋₁₀	80	500~2500	5	0.5	2	0.5	2m	-	-	-	-	-	0
2SD1294		5	60±15	80	2000~20000	5	0.5	1.5	0.5	1m	-	-	-	-	-	0

DARLINGTON

TSB140	TSB145		60	125	1000MIN.	4	5	2	5	10m	-	-	-	0.9	toff=11	0
TSB141	TSB146	10	80	125	1000MIN.	4	5	2	5	10m	-	-	-	0.9	toff=11	0
TSB142	TSB147		100	125	1000MIN.	4	5	2	5	10m	-	-	-	0.9	toff=11	0