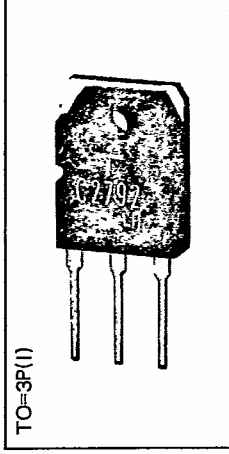


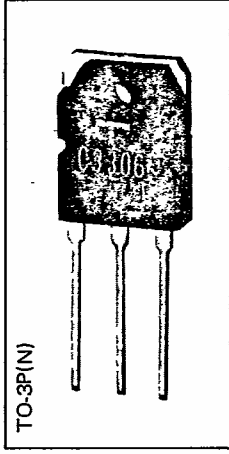
# (11) TO-3P PACKAGE SERIES

OUT-LINE A



TO-3P(I)

OUT-LINE B



TO-3P(N)

## Application

### AUDIO OUT

Type No.	IC	V <sub>CEO</sub>	P <sub>C</sub>	hFE			V <sub>CE (sat) MAX.</sub>			f <sub>T</sub> TYP.			Cob TYP.			SW Time TYP.			OUT-LINE
				PNP	NP	TC=25°C	V <sub>CE</sub>	I <sub>C</sub>	I <sub>B</sub>	I <sub>C</sub>	V <sub>CE</sub>	I <sub>C</sub>	f=1MHz	V <sub>CB</sub>	t <sub>on</sub>	t <sub>stg</sub>	t <sub>f</sub>		
2SD176	2SB686	100	60	55~160	5	1	2	4	0.4	12	5	1	100/270	10	-	-	-	0	0
2SC3180	2SA1263	100	60	55~160	5	1	2	5	0.5	30	5	1	105/290	10	-	-	-	0	0
2SC2563	2SA1093	120	80	55~240	5	1	2	4	0.4	90	5	1	130/220	10	-	-	-	0	0
2SD718	2SB688	120	80	55~160	5	1	2.5	5	0.5	12	5	1	170/280	10	-	-	-	0	0
2SC3181	2SA1264	120	80	55~160	5	1	2	6	0.6	30	5	1	190/420	10	-	-	-	0	0
2SC2706	2SA1146	140	100	55~240	5	1	2	5	0.5	90	5	1	130/220	10	-	-	-	0	0
2SC3182	2SA1265	140	100	55~160	5	1	2	7	0.7	30	5	1	220/480	10	-	-	-	0	0
2SD1148	2SB863	140	100	55~160	5	1	2	5	0.5	20	1	1	200/400	10	-	-	-	0	0

### LOW V<sub>CE(sat)</sub>

2SD844	2SB754	50	60	70~240	5	1	0.4	4	0.4	15	1	1	250/300	10	-	-	-	0	0
2SD717		50	80	70~240	1	1	0.4	6	0.3	10	4	1	350	10	0.3	2.5	0.4	0	0
2SD1187		80	80	70~240	1	1	0.5	6	0.3	10	4	1	350	10	0.3	2.5	0.8	0	0
TSB3055		80	70	20~100	4	4	1.1	4	0.4	8	10	0.5	70	10	-	-	-	0	0

### SWITCHING REG.

2SC2792		800	80	10MIN.	5	0.5	1	0.5	50m	-	-	-	-	-	▲*1.0	*4	*1.0	0	0
2SC3376		800	60	10MIN.	5	0.8	0.6	0.8	0.16	-	-	-	-	-	▲*1.0	*4.0	*1.0	0	0
2SC3657		800	80	10MIN.	5	1	1	2	0.4	-	-	-	-	-	▲*1.0	*2.5	*1.0	0	0
2SC2555		400	80	10MIN.	5	4	1	4	0.8	-	-	-	-	-	▲*1.0	*2.5	*1.0	0	0
2SC3306		400	100	10MIN.	5	5	1.5	5	0.5	-	-	-	-	-	▲*1.0	*2.5	*1.0	0	0

### TV. REG. OUT

2SD1090		180	80	500~2000	5	1	1	1	20m	-	-	-	-	-	-	-	-	0	0
2SD1092		55 <sup>+15</sup> <sub>-10</sub>	80	500~2500	5	0.5	2	0.5	2m	-	-	-	-	-	-	-	-	0	0
2SD1294		60±15	80	2000~20000	5	0.5	1.5	0.5	1m	-	-	-	-	-	-	-	-	0	0

### DARLINGTON

TSB140	TSB145	60	125	1000MIN.	4	5	2	5	10m	-	-	-	-	-	0.9	t <sub>off</sub> =11	0	0	0
TSB141	TSB146	80	125	1000MIN.	4	5	2	5	10m	-	-	-	-	-	0.9	t <sub>off</sub> =11	0	0	0
TSB142	TSB147	100	125	1000MIN.	4	5	2	5	10m	-	-	-	-	-	0.9	t <sub>off</sub> =11	0	0	0

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