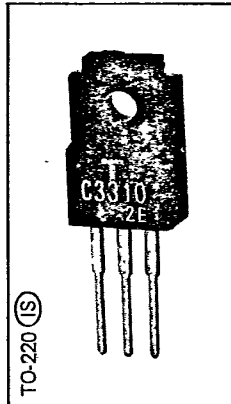


(8) TO-220 IS PACKAGE SERIES



Application

* MAX. Δ tr

Type No.		IC	V _{CEO} *V _{CBO} (V)	P _C T _g =25°C (W)	hFE		V _{CE(sat)} MAX.			f _T TYP.			Cob TYP.		SW Time TYP.			
					V _{CE} (V)	IC (A)	V _{CE} (V)	IC (A)	I _B (A)	(MHz)	V _{CE} (V)	IC (A)	f=1MHz (pF)	V _{CB} (V)	ton (μs)	tstg (μs)	tf (μs)	
NPN	PNP	(A)																
2SC3296	2SA1304	1.5	150	20	10	0.5	50m	1.5	0.5	50m	4/6	10	0.5	35/50	10	—	—	—
2SC3298	2SA1306		160	20	5	0.1	50m	1.5	0.5	50m	100	10	0.1	25/30	10	—	—	—
2SC3298A	2SA1306A		180	20	5	0.1	50m	1.5	0.5	50m	100	10	0.1	25/30	10	—	—	—
2SC3298B	2SA1306B		200	20	5	0.1	50m	1.5	0.5	50m	100	10	0.1	25/30	10	—	—	—
2SC3297	2SA1305	3	30	15	2	0.5	2	0.8	2	0.2	100	2	0.5	35/40	10	—	—	—
2SD1405			50	30	5	0.5	1	1.0	1	20m	5	5	0.5	70	10	1.5	4.5	3
2SD1406	2SB1015		60	25	5	0.5	3	1.0	3	0.3	3	5	0.5	70/150	10	0.8/0.4	1.5/1.7	0.8/0.5
2SD1408	2SB1017	4	80	25	5	0.5	3	1.5	3	0.3	8	5	0.5	90/130	10	—	—	—
2SD1407	2SB1016	5	100	30	5	1	4	2.0	4	0.4	12	5	1	100/270	10	—	—	—
2SD1404		7	*300	25	1.5	5	5	1.5	5	0.5	18	10	0.2	—	—	—	—	—
TV Horizontal Out																		
LOW V _{CE} (sat)																		
(DC-DC Converter)																		
2SC3475		4	60	20	4	1	2	0.6	2	0.2	20	4	0.5	70	10	0.15	1.0	0.15
2SC3299	2SA1307	5	50	20	1	1	3	0.4	3	0.15	120/60	4	1	80/170	10	0.1	1.0	0.1
—	2SA1387		50	25	1	1	3	0.4	3	0.075	80	4	1	200	10	0.2	1	0.2
2SC3540	2SA1388		80	25	1	1	3	0.4	3	0.15	120/60	4	1	80/200	10	0.2	1	0.1
2SD1412	2SB1019	7	50	30	1	1	4	0.4	4	0.4	10	4	1	250	10	0.2	2.5	0.5
2SD1411	2SB1018		80	30	1	1	4	0.5	4	0.4	10	4	1	250	10	0.4	2.5	0.5
2SC3627			10	200	30	5	5	5	1.0	5	0.5	—	—	—	—	▲*1.0	*2.5	*1.0
STROBO FLASH																		
	2SA1327	10	20	20	2	1	8	0.4	8	0.4	45	2	1	400	10	—	—	—

TV Vertical Out

Audio Drive

Audio Drive

Audio Drive

General Purpose

General Purpose

General Purpose

General Purpose

General Purpose

TV Horizontal Out

LOW V_{CE} (sat)

(DC-DC Converter)

STROBO FLASH