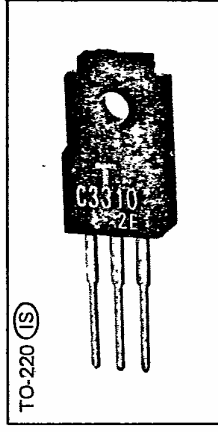


## (8) TO-220 IS PACKAGE SERIES



### Application

\* MAX.  $\Delta$  tr

Type No.		NPN	PNP	IC (A)	V <sub>CEO</sub> (V)	*V <sub>CBO</sub> (V)	P <sub>C</sub> T <sub>c</sub> =25°C (W)	h <sub>FE</sub>			V <sub>CE(sat)</sub> MAX.			f <sub>T</sub> TYP.			Cob TYP.			SW Time TYP.		
								V <sub>CE</sub> (V)	IC (A)	IC (A)	IB (A)	V <sub>CE</sub> (V)	IC (A)	IC (A)	(MHz)	V <sub>CE</sub> (V)	IC (A)	f=1MHz (pF)	V <sub>CB</sub> (V)	ton (μs)	t <sub>stg</sub> (μs)	tf (μs)
2SC3296	2SA1304			1.5	150	20	40~140	10	0.5	1.5	0.5	50m	4/6	10	0.5	35/50	10	—	—	—	—	
2SC3298	2SA1306			1.5	160	20	70~240	5	0.1	1.5	0.5	50m	100	10	0.1	25/30	10	—	—	—	—	
2SC3298A	2SA1306A			1.5	180	20	70~240	5	0.1	1.5	0.5	50m	100	10	0.1	25/30	10	—	—	—	—	
2SC3298B	2SA1306B			1.5	200	20	70~240	5	0.1	1.5	0.5	50m	100	10	0.1	25/30	10	—	—	—	—	
2SC3297	2SA1305			3	30	15	70~240	2	0.5	0.8	2	0.2	100	2	0.5	35/40	10	—	—	—	—	
2SD1405				3	50	30	200~1200	5	0.5	1.0	1	20m	5	5	0.5	70	10	1.5	4.5	3	—	
2SD1406	2SB1015			4	60	25	60~300	5	0.5	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	40~240	5	0.5	1.5	3	0.3	8	5	0.5	90/130	10	—	—	—	—	
2SD1407	2SB1016			5	100	30	40~240	5	1	2.0	4	0.4	12	5	1	100/270	10	—	—	—	—	
2SD1404				7	*300	25	10MIN.	1.5	5	1.5	5	0.5	18	10	0.2	—	—	—	—	—	—	
2SC3475				4	60	20	60~200	4	1	0.6	2	0.2	20	4	0.5	70	10	0.15	1.0	0.15	—	
2SC3299	2SA1307			5	50	20	70~240	1	1	0.4	3	0.15	120/60	4	1	80/170	10	0.1	1.0	0.1	—	
—	2SA1387			5	50	25	150~400	1	1	0.4	3	0.075	80	4	1	200	10	0.2	1	0.2	—	
2SC3540	2SA1388			7	80	25	70~240	1	1	0.4	3	0.15	120/60	4	1	80/200	10	0.2	1	0.1	—	
2SD1412	2SB1019			7	50	30	70~240	1	1	0.4	4	0.4	10	4	1	250	10	0.2	2.5	0.5	—	
2SD1411	2SB1018			10	80	30	70~240	1	1	0.5	4	0.4	10	4	1	250	10	0.4	2.5	0.5	—	
2SC3627				10	200	30	20~80	5	5	1.0	5	0.5	—	—	—	—	—	▲*1.0	*2.5	*1.0	—	
	2SA1327			10	20	20	100~320	2	1	0.4	8	0.4	45	2	1	400	10	—	—	—	—	

### LOW V<sub>CE</sub> (sat) (DC-DC Converter)

### STROBO FLASH