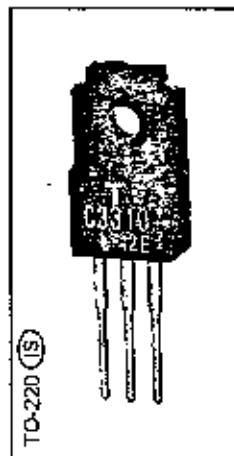


(8) TO-220 (S) PACKAGE SERIES



Application

* MAX. A_{EF}

Type No.	NPN	PNP	I _C (A)	V _{CEO} (V)	P _C T _a =25°C (W)	h _{FE}			V _{CE(sat)} MAX.			f _T TYP.			Qob TYP.			SWT Time TYP.		
						V _{CE} (V)	I _C (A)	I _B (A)	V _{CE} (V)	I _C (A)	I _B (A)	(MHz)	V _{CE} (V)	I _C (A)	f _T =1MHz (MHz)	V _{CE} (V)	I _C (A)	t _{on} (ps)	t _{off} (ps)	t _f (ps)
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	1.5	160	20	5	0.1	50m	1.5	0.5	50m	100	10	0.1	25/30	10	—	—	—	—
2SC3298A		2SA1306A	1.5	180	20	5	0.1	50m	1.5	0.5	50m	100	10	0.1	25/30	10	—	—	—	—
2SC3298B		2SA1306B	1.5	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	0.2	0.8	2	0.2	100	2	0.5	35/40	10	—	—	—	—
2SD1405			3	50	30	5	0.5	1.0	1.0	1	20m	5	5	0.5	70	10	1.5	4.5	9	—
2SD1406		2SB1015	4	60	25	5	0.5	0.3	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	0.3	1.5	3	0.3	8	5	0.5	90/130	10	—	—	—	—
2SD1407		2SB1016	5	100	30	5	1	0.4	2.0	4	0.4	12	5	1	100/270	10	—	—	—	—
2SD1404			7	*300	25	1.5	5	0.5	1.5	5	0.5	18	10	0.2	—	—	—	—	—	—
2SC3475			4	60	20	4	1	0.2	0.6	2	0.2	20	4	0.5	70	10	0.15	1.0	0.15	—
2SC3299		2SA1307	5	50	20	1	1	0.15	0.4	3	0.15	120/60	4	1	80/170	10	0.1	1.0	0.1	—
2SC3540		2SA1387	5	50	25	1	1	0.075	0.4	3	0.075	80	4	1	200	10	0.2	1	0.2	—
2SD1412		2SA1388	7	80	25	1	1	0.15	0.4	3	0.15	120/60	4	1	80/200	10	0.2	1	0.1	—
2SD1411		2SB1019	7	50	30	1	1	0.4	0.4	4	0.4	10	4	1	250	10	0.2	2.5	0.5	—
2SD1411		2SB1018	7	80	30	1	1	0.4	0.5	4	0.4	10	4	1	250	10	0.4	2.5	0.5	—
2SC3527			10	200	30	5	5	0.5	1.0	5	0.5	—	—	—	—	—	*1.0	*2.5	*1.0	—
2SA1327			10	20	20	2	1	0.4	0.4	8	0.4	45	2	1	400	10	—	—	—	—

LOW V_{CE} (sat)

(DC-DC Converter)

STROBO FLASH