



(8) TO-220 IS PACKAGE SERIES

Application

* MAX. Δt_f

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

LOW V_{CE} (sat)

(DC-DC Converter)

STROBO FLASH