

Transistors (Industrial use)

Regulator Transistors

F1

Applica- tion	Type No.	Max Rating (Tc=25°C)					Package
		V _{CEO} (V)	V _{CE0} (V)	I _C (A)	P _C (W)	T _J (°C)	
Switching Regulator	2SC3075	500	400	0.8	10	150	Power Mold
	2SC3425			0.8	10		TO-126(1S)
	2SC3233			2	20		Power Mold
	2SC5075			2	1.3		TPS
	2SC4917			2	10		TO-126(1S)
	2SC2552			2	20		TO-220AB
	2SC3309			2	20		TO-220(1S)
	2SC2553			5	40		TO-220AB
	2SC3310			5	30		TO-220(1S)
	2SC4659			5	15		NPM
	2SC3626			8	40		TO-220(1S)
	2SC2555			8	80		TO-3P(1)
	2SC3306			10	100		TO-3P(N)
	2SC4157	600	450	10	100		TO-3P(N)

Applica- tion	Type No.	Max Rating (Tc=25°C)					Package
		V _{CEO} (V)	V _{CE0} (V)	I _C (A)	P _C (W)	T _J (°C)	
Switching Regulator	2SC3405	900	800	0.8	20	150	Power Mold
	2SC2792	850		2	80		TO-3P(N)
	2SC3148	900		3	40		TO-220AB
	2SC3559	900		3	30		TO-220(1S)
	2SC3376	900		3	60		TO-3P(N)
	2SC3657	900		4	80		TO-3P(N)
	2SC3783	900		5	100		TO-3P(N)
	2SC3307	900		10	150		TO-3P(L)
Series Regulator	2SD880	60	60	3	30	150	TO-220AB
	2SD1052A	60	50	3	30		TO-220AB
	2SD2012	60	60	3	25		TO-220(NIS)

Transistors for DC/DC Converter

F1

Collector Current I _C (A)	Collector Emitter Breakdown Voltage V _{CEO} (V)					
	20V		50V*60V		80V	
	PNP	NPN	PNP	NPN	PNP	NPN
12			2SA1328 2SA1451	2SC3345 2SC3709	2SA1329 2SA1452 2SA1771	2SC3346 2SC3710
10	2SA1792 2SA1327			2SD717		2SD1187
7			2SB754 2SB553	2SD844 2SD553	2SB753	2SD843
5		2SC3420 2SC4684 2SC4685	2SA1012 2SA1387 2SA1793	2SC2562 2SC4657 2SC4881	2SA1794 2SA1293 2SA1388	2SC4658 2SC3258 2SC3540 2SC3303
4				*2SC3558 *2SC3475		
2	2SA1300 2SA1160 (V _{CEO} =10V)	2SC3279 2SC2500 (V _{CEO} =10V)	2SA1020 2SA1382 2SA1680	2SC2655 2SC4408	2SA1315	2SC3328