



Power Transistors and Darlington TO-3P Fully Isolated Plastic Package

Representative List of TO-3P Devices with their critical parameters.
(For information on any other Device, please contact us).

Maximum Ratings

Electrical Characteristics (Ta=25 C, Unless Otherwise Specified; P_s @Tc=25°C)

Device	Polarity	V _{CEO} (V) Min	V _{CEO} (V) Min	V _{CEO} (V) Min	P _s (W)	I _c (A)	I _{CEO} @ V _{CE} (μA) Max	h _{FE}	h _{FE} @ I _c & V _{CE} (A) & (V)	V _{CE(sat)} @ I _c (V) Max	f _T @ I _c (MHz) Typ					
BU508AF	NPN		700	5	60	8		2.25		4.5	5	1.0	4.5			
CSA1301F	PNP	160	160	5	90	12	5\$	160	55	200	1	5	2.8	8	30.0	1.0
									28		6	5				
CSB817F	PNP	160	140	6	90	12	100\$	80	60	200	1	5	2.5	5	15.0	1.0
									20		6	5				
CSC3280F	NPN	160	160	5	90	12	5\$	160	55	200	1	5	2.0	8	30.0	1.0
									28		6	5				
CSD1047F	NPN	160	140	6	90	12	100\$	80	60	200	1	5	2.5	5	15.0	1.0
									20		6	5				
TIP33CF	NPN	100	100	5	80	10	400	100	20	100	3	4	1.0	3	3.0	0.5
									40		1	4	4.0	10		
TIP34CF	PNP	100	100	5	80	10	400	100	20	100	3	4	1.0	3	3.0	0.5
									40		1	4	4.0	10		
TIP141F	NPN	80	80	5	60	10	1000\$	80	1000		5	4	2.0	5		
									500		10	4	3.0	10		
TIP142F	NPN	100	100	5	60	10	1000\$	100	1000		5	4	2.0	5		
									500		10	4	3.0	10		
TIP147F	PNP	100	100	5	60	10	1000\$	100	1000		5	4	2.0	5		
									500		10	4	3.0	10		
TIP2955F	PNP	100	60	7	90	15	1000++	70	20	70	4	4	1.1	4	2.5	0.5
									5		10	4	3.0	10		
TIP2955HVF	PNP	120	100	7	60	15	5000**	100	20	100	4	4	1.1	4	2.5	0.5
									5		10	4	3.0	10		
TIP3055F	NPN	100	60	7	90	15	1000++	70	20	150	4	4	3.0	10	2.5	0.5
									5		10	4	3.0	10		
TIP3055HVF	NPN	120	120	7	60	15	5000**	100	20	100	4	4	1.1	4	2.5	0.5
									5		10	4	3.0	10		

It is recommended that a complete review of the respective Data Sheet be undertaken so as to confirm that the Device(s) meet functionality parameters for the user's application.
These products are not designed for use in life saving/support appliances or systems

Datasheet.Live