

## BIPOLAR TRANSISTORS FOR ELECTRONIC LIGHTING

Type	V <sub>CEO</sub>	V <sub>CES</sub>	I <sub>C</sub>	P <sub>tot</sub>	Package	h <sub>FE</sub> @ I <sub>C</sub> / V <sub>CE</sub>			Inductive Switching		Typical application		
	(V)	(V)	(A)	(W)		min	(A)	(V)	ts typ (μs)	tf typ (μs)	CFL	H. F.	Hal Trasf.
<a href="#">BULT118</a>	400	700	2	40	SOT-32	8	2	5	0.8	0.16	x		
<a href="#">BULT118D</a>	400	700	2	40	SOT-32	8	2	5	0.8	0.16	x		
<a href="#">BULK128D</a>	400	700	4	50	SOT-82	8	2	5	2.0 •	0.2 •	x	x	
<a href="#">BUL128</a>	400	700	4	60	TO-220	8	2	5	0.6	0.10	x	x	
<a href="#">BUL128D</a>	400	700	4	60	TO-220	8	2	5	1.8 •	0.2 •	x	x	
<a href="#">BUL57</a>	400	700	7	75	TO-220	6	4	5	1.8	0.06		x	
<a href="#">BUL67</a>	400	700	8	80	TO-220	15	1.5	3	2.1	0.10			x
<a href="#">BUL87</a>	400	700	10	90	TO-220	8	5	5	2.2	0.10			x
<a href="#">BULD38-1</a>	400	800	5	30	DPAK	8	2	5	0.6	0.04	x		
<a href="#">BUL138</a>	400	800	5	70	TO-220	8	2	5	0.7	0.05	x	x	
<a href="#">BUL381</a>	400	800	5	70	TO-220	8	2	5	1.4 / 2.2 •	0.8 •	x	x	
<a href="#">BUL381D</a>	400	800	5	70	TO-220	8	2	5	1.5 / 2.5 •	0.8 •	x	x	
<a href="#">BUL382</a>	400	800	5	70	TO-220	8	2	5	1.7 / 2.5 •	0.8 •	x	x	
<a href="#">BUL382D</a>	400	800	5	70	TO-220	8	2	5	1.7 / 2.6 •	0.8 •	x	x	
<a href="#">BUL38D</a>	450	800	5	70	TO-220	8	2	5	1.0	0.06			x
<a href="#">BULK38D</a>	450	800	5	70	SOT-82	8	2	5	1.0	0.06			x
<a href="#">BUL58D</a>	450	800	8	75	TO-220	5	5	5	1.0	0.09			x
<a href="#">BUL510</a>	450	1000	8	80	TO-220	15	1	5	2.2	0.08			x
<a href="#">BUL810</a>	450	1000	15	125	SOT-93	10	5	5	1.5	0.06			x
<a href="#">BUL310</a>	500	1000	5	75	TO-220	10 #	3	2.5	1.2	0.08		x	
<a href="#">BUL213</a>	600	1300	3	60	TO-220	16	0.35	3	4.0	0.25		x	
<a href="#">BUL216</a>	800	1600	4	70	TO-220	12	0.4	5	2.1	0.45		x	
<a href="#">BUL416</a>	800	1600	6	85	TO-220	12	0.7	5	2.3	0.65		x	

• Resistive load    # Typ    CFL - Compact Fluorescent Lamp    HF - High Frequency Ballast    Hal Trasf. - Electronic transformer for halogen lamps