



PRO ELECTRON SERIES (Continued)

Datasheet Directory

Type No.	Case Style	VCES* VCBO (V) Min	VCEO (V) Min	VEBO (V) Min	ICES* ICBO (nA) @ VCB (V) Max	HFE hfe @ 1 kHz* Min Max		IC (mA) & VCE (V)	VCE(SAT) (V) & VBE(SAT) & VBE(ON)* (V) @ IC (mA)	Cob (pF) Max	fT (MHz) @ IC (mA)		toff (ns) Max	NF (dB) Max	Test Conditions	Process No.
						Min	Max				Min	Max				
BD240B	TO-220	80	80		200 μA* 80	15 40	1A 200	4 4	0.7 . 1.3* 1A		3	200	420	6	5/6	5F
BD240C	TO-220	80	100		200 μA* 100	15 40	1A 200	4 4	0.7 1.3* 1A		3	200	420	6	5/6	5F
BD241	TO-220	80	45		200 μA* 45	10 25	3A 1A	4 4	1.3 1.8* 3A		3	500	420	6	5/6	4F
BD241A	TO-220	80	60		200 μA* 60	10 25	3A 1A	4 4	1.3 1.8* 3A		3	500	420	6	5/6	4F
BD241B	TO-220	80	80		200 μA* 80	10 25	3A 1A	4 4	1.3 1.8* 3A		3	500	420	6	5/6	4F
BD241C	TO-220	80	100		200 μA* 100	10 25	3A 1A	4 4	1.3 1.8* 3A		3	500	420	6	5/6	4F
BD242	TO-220	80	45		200 μA* 45	10 25	3A 1A	4 4	1.2 1.8* 3A		3	500	420	6	5/6	5E
BD242A	TO-220	80	60		200 μA* 60	10 25	3A 1A	4 4	1.2 1.8* 3A		3	500	420	6	5/6	5E
BD242B	TO-220	80	80		200 μA* 80	10 25	3A 1A	4 4	1.2 1.8* 3A	3	3	500	420	6	5/6	5E
BD242C	TO-220	80	100		200 μA* 100	10 25	3A 1A	4 4	1.2 1.8* 3A		3	500	420	6	5/6	5E
BD243	TO-220		45		400 μA* 45	30 15	300 3A	4 4			3	500				4A
BD243A	TO-220		60		400 μA* 60	30 15	300 3A	4 4			3	500				4A
BD243B	TO-220		80		400 μA* 80	30 15	300 3A	4 4			3	500				4A
BD243C	TO-220		100		400 μA* 100	30 15	300 3A	4 4								4A
BD244	TO-220		45		400 μA* 45	30 15	300 3A	4 4								4A
BD244A	TO-220		60		400 μA* 60	30 15	300 3A	4 4								5A
BD244B	TO-220		80		400 μA* 80	30 15	300 3A	4 4			3	500				5A
BD244C	TO-220		100		400 μA* 100	30 15	300 3A	4 4			3	500				5A
BD344	TO-126	60	60	5	500 60	60 40	50 200	1 1	0.4 200	20	50	50				78