

Pro Electron Series

6501130 NATL SEMICOND. (DISCRETE)



PRO ELECTRON SERIES (Continued)

5-32

Type No.	Case Style	V _{CES} * V _{CBO} (V) Min	V _{CEO} (V) Min	V _{EBO} (V) Min	I _{CES} * I _{CBO} (mA) Max	V _{CB} (V)	HFE h _{FE} 1 kHz* @ I _C & V _{CE}			V _{CE(SAT)} (V) Max	V _{BE(SAT)} & V _{BE(ON)} * @ I _C		C _{ob} (pF) Max	f _T (MHz) @ I _C		t _{off} (ns) Max	NF (dB) Max	Test Conditions	Process No.
							Min	Max	Min		Max	Min		Max	Min				
BDX34C	TO-220		100		1 mA	100	750		3A	3	2.5*	3A		20	1A				5K
BDX34D	TO-220		120		1 mA	120	750		3A	3	2.5*	3A		20	1A				5K
BF167	TO-72 (28)	40	30	4	100 ^T	30	26		4	10	0.84*	4							45
BF180	TO-72 (25)	30	20	3	100	20	13	2		10									41
BF181	TO-72 (25)	30	20	3	100	20	13	2		10									41
BF194	TO-92 (98)	Same as BF254, see page 5-33 for explanation																	
BF195	TO-92 (98)	Same as BF255, see page 5-33 for explanation																	
BF196	TO-92 (98)	Same as BF198, see below for explanation																	
BF197	TO-92 (98)	Same as BF199, see below for explanation																	
BF198	TO-92 (98)	40	30	4	100	40	26	4		10	0.85*	4							45
BF199	TO-92 (98)	40	25	4	100	40	36	7		10			1100 typ	7					47
BF200	TO-72 (25)	30	20	3	100	40	15	3		10									41
BF233-2	TO-92 (96)	30	30	4	100	10	40	70	1	10	0.65	0.74*	1	1.0	150	1			49
BF233-3	TO-92 (96)	30	30	4	100	10	60	100	1	10	0.65	0.74*	1	1.0	150	1			49
BF233-4	TO-92 (96)	30	30	4	100	10	90	150	1	10	0.65	0.74*	1	1.0	150	1			49
BF233-5	TO-92 (96)	30	30	4	100	10	140	220	1	10	0.65	0.74*	1	1.0	150	1			49
BF237	TO-92 (98)	45	30	4	100	20					0.25		10						47
BF238	TO-92 (98)	45	30	4	100	20					0.25		10						47
BF240	TO-92 (98)	40	40	4	100	20	67	222	1	10	0.65	0.74*	1	0.34		1	3.5	7	47
BF241	TO-92 (98)	40	40	4	100	20	36	125	1	10	0.65	0.74*	1	0.34		1	3.5	7	47

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