PROFESSIONAL TRANSISTORS (continued)

General purpose switches

www.datasheetcatalog.com

TYPE	POLARITY	LV_{CEO} (V)	τ_S (ns)	t_{on} (ns)	t_{off} (ns)	h_{FE} min/typ	and V_{CEsat} (V)	@ I_C (mA)	I_C RANGE (mA)	PACKAGE
BFR 20	NPN	35	–	130	450	90/250	0.13	150	0.1-1000	TO-39
BFR 21	NPN	70	–	130	450	40/70	0.13	150	0.1-1000	TO-39
BFW 68	NPN	40	–	30	240	50/120	0.09	10	0.1-50	TO-18
BFX 38	PNP	55	160	33	–	60/120	0.3	500	0.1-1000	TO-39
BFX 39	PNP	55	160	33	–	25/65	0.3	500	0.1-1000	TO-39
BFX 40	PNP	75	160	33	–	60/120	0.3	500	0.1-1000	TO-39
BFX 41	PNP	75	160	33	–	25/65	0.3	500	0.1-1000	TO-39
BFX 48	PNP	30	–	20	95	90/160	0.1	10	0.01-50	TO-18
BFX 94	NPN	30	80	30	120	40/70	0.2	150	0.1-800	TO-18
BFX 94A	NPN	30	70	20	100	40/75	0.14	150	0.1-800	TO-18
BFX 95	NPN	30	80	30	120	100/160	0.2	150	0.1-800	TO-18
BFX 95A	NPN	30	70	20	100	100/220	0.14	150	0.1-800	TO-18
BFX 96	NPN	30	80	30	120	40/70	0.2	150	0.1-800	TO-39
BFX 96A	NPN	30	70	20	100	40/75	0.14	150	0.1-800	TO-39
BFX 97	NPN	30	80	30	120	100/160	0.2	150	0.1-800	TO-39
BFX 97A	NPN	30	70	20	100	100/220	0.14	150	0.1-800	TO-39
BFY 50	NPN	35	140	55	–	30/55	0.14	150	0.1-1000	TO-39
BFY 51	NPN	30	160	55	–	40/70	0.14	150	0.1-1000	TO-39
BFY 52	NPN	20	220	55	–	60/130	0.14	150	0.1-1000	TO-39
BFY 56	NPN	45	–	150	350	30/70	0.13	150	0.1-1000	TO-39
BFY 56A	NPN	55	–	150	350	40/80	0.13	150	0.1-1000	TO-39
BFY 64	PNP	40	–	35	70	50/130	0.18	150	0.01-500	TO-39
BFY 72	NPN	28	–	14	80	15/90	0.4	500	0.1-500	TO-39
BSS 15/2N 5320	NPN	75	–	80	800	30/80	0.5	500	0.1-2000	TO-39
BSS 16/2N 5321	NPN	50	–	80	800	40/145	0.8	500	0.1-2000	TO-39
BSS 17/2N 5322	PNP	75	–	100	1000	30/80	0.7	500	0.1-2000	TO-39
BSS 18/2N 5323	PNP	50	–	100	1000	40/145	1.2	500	0.1-2000	TO-39
BSX 33	NPN	55	–	120	350	40/80	0.15	150	0.1-1000	TO-18