

SEMELAB plc - SELECTOR GUIDE DISCRETE BI-POLAR DEVICES

May 1998

Type_No	Description	CECC	Polarity	Package	Ic_cont	Hfe_at	Vce_1c	fT	Pd	Vceo
BFT37A CECC		50002-223	PNP	TO39	5	50-200	10/0.15	100M	1	100
BFT39			NPN	TO39	1	50-250	10/0.1	100M	0.8	80
BFT40			NPN	TO39	1	75-250	10/0.1	100M	0.8	60
BFT44			PNP	TO39	0.5	100typ	10/10m	60M	5	300
BFT45			PNP							
BFT46CSM	Ceramic Surface Mount			LCC1						
BFT48			NPN	TO39	0.1	25min	10/30m	50M	5	250
BFT49			NPN	TO39	0.1	25min	10/30m	50M	5	300
BFT53			NPN	TO18	1	10min	6/1m	60M	0.36	35
BFT54			NPN	TO18	1	30min	6/1m	50M	0.36	30
BFT57			NPN	TO18	0.2	25min	10/30m	110M	0.36	160
BFT58			NPN	TO18	0.2	25min	10/30m	110M	0.36	200
BFT59			NPN	TO18	0.2	25min	10/30m	110M	0.36	300
BFT60			PNP	TO39	1	50min	6/0.15	60M	0.8	35
BFT61			PNP	TO39	1	40min	6/0.15	60M	0.8	30
BFT62			PNP	TO39	1	40min	6/0.15	60M	0.8	20
BFT69			PNP	TO18	1	50-250	10/0.1	100M	0.36	80
BFT70			PNP	TO18	1	75-250	10/0.1	100M	0.36	60
BFT71			PNP	TO18	1	100-300	10/0.1	100M	0.36	50
BFT79			PNP	TO39	1	50-250	10/0.1	100M	0.8	80
BFT80			PNP	TO39	1	75-250	10/0.1	100M	0.8	60
BFT81			PNP	TO39	1	100-300	10/0.1	100M	0.8	50
BFW16			NPN	TO39	0.15	25min	5/50m	1.2G	1.5	25
BFW43			PNP	TO18	50m	40min	10/10m	60M	0.4	150
BFW44			PNP	TO39	50m	40min	10/10m	60M	0.7	150
BFX11			PNP	TO77	0.5	90min	5/1m	130M	0.5	45
BFX15										
BFX17			NPN	TO39	1	35min	1/0.1	250M	0.8	40
BFX29			PNP	TO39	0.6	50min	10.10m	100M	0.6	60
BFX30			PNP	TO39	0.6	50-200	0.4/10m		0.6	65
BFX34			NPN	TO39	5	40-150	2/2	70M	0.87	60
BFX34 CECC		50004-025	NPN	TO39	5	40-150	2/2	70M	0.87	60
BFX34-SM		50004-025	NPN	TO220SM	5	40-150	2/2	70M	0.87	60
BFX36			PNP	TO77	50m	100-300	5/10m	40M	0.6	60
BFX37			PNP	TO18	50m	100min	5/10m	40M	0.36	60
BFX37L			PNP	TO18L	50m	100min	5/10m	40M	0.36	60
BFX38			PNP	TO39	1	85min	100/0.1	100M	0.8	55
BFX39										
BFX40			PNP	TO39	1	85min	100/0.1	100M	0.8	75
BFX41			PNP	TO39	1	85min	100/0.1	100M	0.8	75
BFX48			PNP	TO18	0.1	90min	10/0.4	400M	0.36	30
BFX48CSM	Ceramic Surface Mount		PNP	LCC1	0.1	90min	10/0.4	400M	0.36	30
BFX48QF	Quad Ceramic Flat Pack		PNP	Ceramic Flat	0.1	90min	10/0.4	400M	1.25	30
BFX67			NPN	TO72	0.3	7kmin	10/0.1		0.5	60
BFX79			N/P	TO77	0.6	60min	5/0.15	60M	0.6	60
BFX80			N/P	TO77	0.2	160min	5/0.1	40M	0.4	60
BFX80DCSM	Dual device in CSM		N/P	LCC2	0.2	160min	5/0.1	40M	0.4	60
BFX81			N/P	TO77	0.2	25min	1/0.1	350M	0.5	20
BFX81DCSM	Dual device in CSM		N/P	LCC2	0.2	25min	1/0.1	350M	0.5	20
BFX81DCSM-MOD	Dual device in CSM		N/P	LCC2	0.2	25min	1/0.1	350M	0.5	20
BFX84			NPN	TO39	1	20min	10/10m	50M	0.8	60
BFX85			NPN	TO39	1	50min	10/10m	50M	0.8	60
BFX86			NPN	TO39	1	50min	10/10m	50M	0.8	35
BFX87			PNP	TO39	0.6	40min	10/10m	100M	0.6	50
BFX88			PNP	TO39	0.6	40min	10/10m	100M	0.6	40
BFY50			NPN	TO39	1	30min	10/0.15	60M	0.8	35
BFY50L			NPN	TO5	1	30min	10/0.15	60M	0.8	35
BFY51			NPN	TO39	1	40min	10/0.15	60M	0.8	30
BFY52			NPN	TO39	1	60min	10/0.15	60M	0.8	20
BFY56			NPN	TO39	1	30-150	10/0.15	40M	0.8	45
BFY64			PNP	TO39	0.5	80min	10/10m	200M	0.7	40
BFY64CSM	Ceramic Surface Mount		PNP	LCC1	0.5	80min	10/10m	200M	0.7	40
BFY64QF	Quad Ceramic Flat Pack		PNP	Ceramic Flat	0.5	80min	10/10m	200M	1.5	40
BFY75			NPN	TO18		65-300	5/10m	250M	0.36	45
BFY81			NPN	TO77	50m	150min	5/10m	60M	0.5	45
BFY81DCSM	Dual device in CSM		NPN	LCC2	50m	150min	5/10m	60M	0.5	45
BFY82			NPN	TO77	0.1	50min	5/10m	250M	0.5	45
BFY82DCSM	Dual device in CSM		NPN	LCC2	0.1	50min	5/10m	250M	0.5	45
BFY83			NPN	TO77	0.1	50min	10/10m	50M	0.6	100
BFY84			NPN	TO77	0.2	20min	1/3m	600M	0.38	12
BFY84DCSM	Dual device in CSM		NPN	LCC2	0.2	20min	1/3m	600M	0.38	12
BFY90			NPN	TO72	25m	25-150	1/2m	1G	0.2	15
BFY90CSM	Ceramic Surface Mount		NPN	LCC1	25m	25-150	1/2m	1G	0.2	15
BFY90QF	Quad Ceramic Flat Pack		NPN	Ceramic Flat	25m	25-150	1/2m	1G	0.8	15
BLX40			PNP	TO39	2	30-120	10/1	20M	13	80
BLX48R			PNP	TO39	5	30-250	10/2	20M	18	100
BLY11			PNP	TO39	2	30-120	10/1	20M	13	100
BLY48A			NPN	TO66	3			15M	40	100
BLY49										
BLY49A			NPN	TO66	3			15M	40	250
BLY50										
BLY50A			NPN	TO66	3			15M	40	250