

# CONSUMER TRANSISTORS

## IF amplifiers

TYPE	POLARITY	DESCRIPTION	$V_{CE0}$ (V)	$V_{EBO}$ (V)	$h_{FE}$ typ	$I_C$ (mA)	PG (dB)	and	NF (dB)	$f$ (MHz)	$P_D$ (mW) @ $T_a = 25^\circ\text{C}$	$f_T$ (MHz)	PACKAGE
					@			@					
BF 158	NPN	IF amplifier for TV	12	2	50	4	26	3.5	40	200	700	•	
BF 160	NPN	IF amplifier for AM-FM radio	12	2	50	3	32	—	10.7	200	600	•	
BF 167	NPN	AGC-IF amplifier for TV	30	4	45	4	28	3	36	150	600	TO-72 (1)	
BF 173	NPN	IF vision amp-output stage	25	4	70	7	26	—	36.4	175	1000	TO-72 (1)	
BF 251	NPN	AGC-IF amplifier	30	4	80	4	33	3	36	150	600	TO-72 (1)	
BF 271	NPN	IF vision amp-output stage	25	4	75	10	27	—	36	250	900	TO-72 (1)	
BF 274	NPN	Gain control. AM-FM IF amp	20	4	170	1	30	—	10.7	200	700	■	
BF 288	NPN	Gain control. AM-FM IF amp	40	4	90	1	45	—	0.47	250	500	TO-72 (1)	
BF 454	NPN	AM-FM IF amplifier	25	4	90	1	—	3	100	200	400	■	
BF 455	NPN	Preamplifier, AM-FM IF amp	25	4	65	1	—	3	100	200	400	■	

• TO-18 epoxy

■ TO-18 (1) epoxy

## TV TUNERS - amplifiers-mixer/oscillators

TYPE	POLARITY	DESCRIPTION	$V_{CE0}$ (V)	$V_{EBO}$ (V)	$h_{FE}$ typ	$I_C$ (mA)	PG (dB)	and	NF (dB)	$f$ (MHz)	$P_D$ (mW) @ $T_a = 25^\circ\text{C}$	$f_T$ (MHz)	PACKAGE
					@			@					
BF 272A	PNP	UHF-VHF AGC amplifier	35	3	50	3	15	3.5	800	200	850	TO-72	
BF 316A	PNP	UHF-mixer and oscillator	35	3	50	3	12	5	800	200	600	TO-72	
BF 479	PNP	Low-noise VHF-UHF amplifier	25	3	50	10	18	3.5	800	170	1400	T pl.	
BF 479S	PNP	Amp for PIN diode tuner	25	3	50	8	15	3.5	800	170	1300	T pl.	
BF 506	PNP	VHF mixer and oscillator	35	4	40	3	17	2.5	200	250	400	TO-92	
BF 509	PNP	VHF AGC amplifier	35	4	70	3	18	2	200	250	700	TO-92	
BF 679	PNP	UHF-VHF AGC amplifier	35	3	60	3	15	3.5	800	170	1000	T pl.	
BF 679M	PNP	UHF mixer and oscillator	35	3	60	3	15	4	800	170	1000	T pl.	
BF 679S	PNP	UHF-VHF AGC amplifier	35	3	60	3	16	3	800	170	1000	T pl.	
BF 680	PNP	UHF mixer and oscillator	35	3	50	3	12	5	800	170	650	T pl.	