

SOT-23 TRANSISTORS & DIODES

SWITCHING TRANSISTORS (NPN)

Type	V_{CBO} Volts	V_{CEO} Volts	I_C mA	P_{tot} mW	h_{FE}		$V_{CE(sat)}$		f_T typ. MHz
					min./max.	at I_C/V_{CE} mA/volts	max. at I_C/I_B	Volts	
BSS79B	75	40	800	350	40/120	150/10	0.3	150/15	250
BSS79C	75	40	800	350	100/300	150/10	0.3	150/15	250
FMMT2222A	75	40	600	350	100/300	150/10	0.3	150/15	300
FMMT4400	60	40	600	350	50/150	150/1	0.4	150/15	200
FMMT4401	60	40	600	350	100/300	150/1	0.4	150/15	200
BSS66	60	40	100	350	50/150	10/1	0.2	10/1	250
BSS67	60	40	100	350	100/300	10/1	0.2	10/1	300
FMMT3903	60	40	200	350	50/150	10/1	0.2	10/1	250
FMMT3904	60	40	200	350	100/300	10/1	0.2	10/1	300
FMMT2222	60	30	600	350	100/300	150/10	0.4	150/15	250
FMMT4123	40	30	200	350	50/150	2/1	0.3	50/5	250
FMMT4124	30	25	200	350	120/360	2/1	0.3	50/5	300
FMMT2369A	40	15	200	350	40/120	10/1	0.2	10/1	500
FMMT2369	40	15	200	350	40/120	10/1	0.25	10/1	500
BSV52	20	12	100	350	40/120	10/1	0.25	10/1	500

SMALL SIGNAL MOSFETS (SOTFETs*) (N-Channel)

Part Number	BV_{DSS} V	I_D mA	I_{DM} A	P_D mW	V min.	$V_{GS(th)}$		I_D mA	$R_{DS(on)}$		V_{GS} V
						at max			max. at	I_D mA	
ZVN3320F	200	60	1	350	1	3		1	25	100	10
BSS123	100	170	0.68	360	0.8	2.8		1	6	100	10
ZVN3310F	100	100	2	350	0.8	2.4		1	10	500	10
ZVN4106F	60	200	3	350	1.3	3		1	2.5	500	10
ZVN3306F	60	150	3	350	0.8	2.4		1	5	500	10
2N7002	60	115	2	350	1	2.5	0.25		7.5	50	5
VN10LF	60	150	3	350	0.8	2.5		1	7.5	200	5
BS170F	60	150	3	350	0.8	3		1	5	200	10
BSS138§	50	200	0.8	360	0.5	1.5		1	3.5	200	5

SMALL SIGNAL MOSFETS (SOTFETs*) (P-Channel)

Part Number	BV_{DSS} V	I_D mA	I_{DM} A	P_D mW	V min.	$V_{GS(th)}$		I_D mA	$R_{DS(on)}$		V_{GS} V
						at max			max. at	I_D mA	
ZVP1320F	-200	-35	-0.4	350	-1.5	-3.5		-1	80	-50	-10
ZVP3310F	-100	-75	-1.2	350	-1.5	-3.5		-1	20	-150	-10
ZVP3306F	-60	-90	-1.6	350	-1.5	-3.5		-1	14	-200	-10
BSS84§	-50	-130	-0.52	360	-0.8	-2.0		-1	10	-100	-5
BS250F	-45	-90	-1.6	350	-1.5	-3.5		-1	14	-200	-10

*SOTFETs is a trademark of Zetex plc

§New product information