

# CENTRE COLLECTOR E-LINE

**TABLE 3: NPN RF TRANSISTOR**

Type	$V_{CBO}$ V	$V_{CEO}$ V	Max. Cont. $I_C$ mA	Max. $V_{CE(sat)}$ at			$h_{FE}$ at			$P_{out}$ at	
				V	$I_C$ mA	$I_B$ mA	Min.	Max.	$I_C$ mA	mW	f MHz
FXT3866	55	30	400	1.0	100	20	15	200	50	700	400

**TABLE 4: SUPER E-LINE NPN DARLINGTONS**

Type	$V_{CBO}$ V	$V_{CEO}$ V	Max. Cont. $I_C$ mA	Max. $V_{CE(sat)}$ at			$h_{FE}$ at			Max. $I_{CBO}$ at		$P_{tot}$ at $T_{amb} = 25^\circ C$ mW
				V	$I_C$ mA	$I_B$ mA	Min.	Max.	$I_C$ mA	nA	$V_{CB}$ V	
FXT601B	180	160	1000	1.2	1000	10	2K	100K	500	10	160	1000
FXT605	140	120	1000	1.5	1000	1	2K	100K	1000	10	120	1000
FXT603	100	80	1000	1.0	1000	1	2K	100K	1000	10	80	1000
FXT38C	80	60	800	1.25	800	8	10K	-	500	100	60	1000

**TABLE 5: HIGH VOLTAGE TRANSISTORS**

Type	$V_{CBO}$ V	$V_{CEO}$ V	Max. $I_C$ mA	Max. $V_{CE(sat)}$ at			$h_{FE}$ at			Max. $I_{CBO}$ at		$P_{tot}$ at $T_{amb} = 25^\circ C$ mW	Complement
				V	$I_C$ mA	$I_B$ mA	Min.	Max.	$I_C$ mA	$\mu A$	$V_{CB}$ V		
<b>NPN</b>													
FXTA42	300	300	500	0.5	20	2.0	40	-	10	0.10	200	680	FXTA92
PO39P	300	300	500	0.2	25	1.25	25	150	100	0.5	240	800	PO38P
<b>PNP</b>													
FXTA92	300	300	500	0.5	20	2.0	40	-	10	0.25	200	680	FXTA42
PO38P	300	300	500	0.5	1	0.1	25	200	0.2	0.1	240	800	PO39P