

Bipolar Transistors



A Product Line of
Diodes Incorporated



Products may be RoHS compliant. Check mouser.com for RoHS status.

ZETEX DUAL NPN HIGH VOLTAGE TRANSISTOR

◆ Surface Mount

MOUSER STOCK NO.	Zetex Part No.	Package	V _{CEO} (V)	I _C (A)	P _D (W)	h _{FE}			V _{CE} (sat)			f _T (MHz)	Price Each			
						Min.	Max.	@ I _C (A)	Max. (mV)	@ I _C (mA)	@ I _B (mA)		1	25	100	250
◆ 522-ZDT694TA	ZDT694TA	SM-8	120/120	0.5/0.5	2.75/2.75	400/400	-----	0.2/0.2	500/500	0.4/0.4	5/5	-----	1.97	1.46	.96	.802

ZETEX SINGLE PNP HIGH VOLTAGE TRANSISTORS

◆ Surface Mount

MOUSER STOCK NO.	Zetex Part No.	Package	V _{CEO} (V)	I _C (A)	P _D (W)	h _{FE}			V _{CE} (sat)			f _T (MHz)	Price Each			
						Min.	Max.	@ I _C (A)	Max. (mV)	@ I _C (mA)	@ I _B (mA)		1	25	100	250
◆ 522-FCX705TA	FCX705TA	SOT-89	-120	-1	1	3000	30000	-1	-1300	-1	-1	160	.74	.55	.385	.31
◆ 522-ZTX795A	ZTX795A	E-Line	-140	-0.5	1	250	-----	-0.2	-300	-0.2	-5	100	1.61	1.19	.78	.663
◆ 522-FZT795ATA	FZT795ATA	SOT-223	-140	-0.5	2	250	-----	-0.2	-300	-0.2	-5	100	1.27	.94	.594	.462
◆ 522-ZXTP23140BFHTA	ZXTP23140BFHTA	SOT-23	-140	-2.5	1.25	100	300	-1	-95	-1	-100	130	1.20	.89	.59	.492
◆ 522-ZTX955	ZTX955	E-Line	-140	-3	1.2	100	300	-1	-330	-3	-300	110	1.78	1.32	.87	.727
◆ 522-ZXTP2014ZTA	ZXTP2014ZTA	SOT-89	-140	-3	2.1	100	300	-1	-75	-0.5	-50	120	1.32	.98	.621	.483
◆ 522-ZXTP2014GTA	ZXTP2014GTA	SOT-223	-140	-4	3	100	300	-1	-80	-0.5	-50	120	1.44	1.07	.675	.525
◆ 522-FMMT555TA	FMMT555TA	SOT-23	-150	-1	0.5	50	300	-0.3	-300	-0.1	-10	100	.41	.30	.21	.17
◆ 522-FZT755TA	FZT755TA	SOT-223	-150	-1	2	50	-----	-0.5	-500	-1	-200	100	1.11	.82	.521	.405
◆ 522-FMXT596TA	FMXT596TA	SOT-23	-200	-0.3	0.5	85	300	-0.25	-350	-0.25	-25	150	.52	.38	.25	.214
◆ 522-FCX596TATA	FCX596TATA	SOT-89	-200	-0.3	1	85	300	-0.25	-350	-0.25	-25	150	.60	.44	.283	.22
◆ 522-ZTX796A	ZTX796A	E-Line	-200	-0.5	1	250	-----	-0.3	-300	-0.2	-20	100	1.56	1.15	.76	.631
◆ 522-FZT796ATA	FZT796ATA	SOT-223	-200	-0.5	2	250	-----	-0.3	-300	-0.2	-20	100	1.27	.94	.594	.462
◆ 522-FZT956TA	FZT956TA	SOT-223	-200	-2	3	100	300	-1	-275	-2	-400	110	1.73	1.28	.81	.63
◆ 522-FMMTA92TA	FMMTA92TA	SOT-23	-300	-0.2	0.33	0.25	-----	-0.03	-500	-0.02	-2	50	.37	.27	.192	.149
◆ 522-FMMT597TA	FMMT597TA	SOT-23	-300	-0.2	0.5	100	300	-0.05	-250	-50	-5	75	.52	.38	.25	.214
◆ 522-ZTX757	ZTX757	E-Line	-300	-0.5	1	40	-----	-0.01	-500	-0.1	-10	30	1.03	.77	.50	.428
◆ 522-ZTX557	ZTX557	E-Line	-300	-0.5	1	50	300	-0.05	-500	-0.05	-5	75	.81	.59	.39	.331
◆ 522-FZTA92TA	FZTA92TA	SOT-223	-300	-0.5	2	25	-----	-0.03	-500	-0.02	-2	50	.59	.44	.31	.24
◆ 522-FZT757TA	FZT757TA	SOT-223	-300	-0.5	2	40	-----	-0.01	-500	-0.1	-10	30	1.11	.82	.521	.405
◆ 522-FZT957TA	FZT957TA	SOT-223	-300	-1	3	100	300	-0.5	-240	-1	-300	85	1.73	1.28	.81	.63
◆ 522-FMMT558TA	FMMT558TA	SOT-23	-400	-0.15	0.5	100	300	-0.05	-500	-0.05	-6	50	.43	.32	.21	.181
◆ 522-ZTX558	ZTX558	E-Line	-400	-0.2	1	100	300	-0.05	-500	-0.05	-6	50	.81	.59	.39	.331
◆ 522-FCX558TA	FCX558TA	SOT-89	-400	-0.2	1	100	300	-0.05	-500	-0.05	-6	50	.60	.44	.283	.22
◆ 522-FZT558TA	FZT558TA	SOT-223	-400	-0.2	2	100	300	-0.05	-500	-0.05	-6	50	.98	.72	.459	.357
◆ 522-ZTX758	ZTX758	E-Line	-400	-0.5	1	50	-----	-0.1	-500	-0.1	-10	50	1.32	.98	.64	.545
◆ 522-ZTX958	ZTX958	E-Line	-400	-0.5	1.2	100	300	-0.5	-400	-0.5	-100	85	1.78	1.32	.837	.651
◆ 522-FZT958TA	FZT958TA	SOT-223	-400	-0.5	3	100	300	-0.5	-400	-0.5	-100	85	1.73	1.28	.81	.63
◆ 522-FMMT560TA	FMMT560TA	SOT-23	-500	-0.15	0.5	80	-----	-0.05	-200	-0.02	-2	60	.63	.47	.31	.256
◆ 522-ZTX560	ZTX560	E-Line	-500	-0.15	1	80	-----	-0.05	-200	-0.02	-2	60	.89	.66	.46	.36
◆ 522-FZT560TA	FZT560TA	SOT-223	-500	-0.15	2	80	-----	-0.05	-200	-0.02	-2	60	1.10	.81	.513	.399

ZETEX SINGLE NPN DARLINGTON TRANSISTORS

◆ Surface Mount

MOUSER STOCK NO.	Zetex Part No.	Package	V _{CEO} (V)	I _C (A)	P _D (W)	h _{FE}			V _{CE} (sat)			f _T (MHz)	Price Each			
						Min.	Max.	@ I _C (A)	Max. (mV)	@ I _C (mA)	@ I _B (mA)		1	25	100	250
◆ 522-FZTA14TA	FZTA14TA	SOT-223	30	1	2	5k	-----	1	1.6	1	1	170	.63	.47	.297	.231
◆ 522-FMMTA13TA	FMMTA13TA	SOT-223	40	0.3	0.33	10k	-----	0.1	0.9	0.1	0.1	-----	.37	.27	.192	.149
◆ 522-FMMTA14TA	FMMTA14TA	SOT-223	40	0.3	0.33	20k	-----	0.1	0.9	0.1	0.1	-----	.37	.27	.192	.149
◆ 522-FMMT38CTA	FMMT38CTA	SOT-23	60	0.3	0.33	10k	-----	0.5	1.25	0.8	8	100	.40	.29	.20	.16
◆ 522-BST52TA	BST52TA	SOT-89	80	0.5	1	2k	-----	0.5	1.3	0.5	0.5	-----	.43	.32	.22	.18
◆ 522-ZTX603	ZTX603	E-Line	80	1	1	2k	-----	0.05	1	1	1	150	1.32	.98	.64	.545
◆ 522-FZT603TA	FZT603TA	SOT-223	80	2	2	2k	100k	2	1	1	1	150	1.03	.77	.486	.378
◆ 522-ZTX614	ZTX614	E-Line	100	0.8	1	10k	-----	0.5	1.25	0.8	8	-----	.81	.59	.39	.331
◆ 522-FMMT614TA	FMMT614TA	SOT-23	100	0.9	0.5	5k	-----	0.5	1	0.5	5	100	.52	.38	.25	.214
◆ 522-FMMT634TA	FMMT634TA	SOT-23	100	0.9	0.625	15k	-----	1	0.96	1	5	140	.73	.54	.342	.266
◆ 522-ZTX605	ZTX605	E-Line	120	1	1	2k	100k	1	1.5	1	1	150	1.32	.98	.64	.545
◆ 522-FZT605TA	FZT605TA	SOT-223	120	2	2	2k	100k	1	1.5	1	1	150	1.03	.77	.486	.378
◆ 522-FZT600TA	FZT600TA	SOT-223	140	2	2	2k	100k	0.5	1.2	1	10	150	1.03	.77	.486	.378
◆ 522-ZTX601B	ZTX601B	E-Line	160	1	1	10k	100k	0.5	1.2	1	10	250	1.32	.98	.64	.545
◆ 522-ZTX601	ZTX601	E-Line	160	1	1	2k	100k	0.5	1.2	1	10	150	1.32	.98	.64	.545

ZETEX SINGLE PNP DARLINGTON TRANSISTORS

◆ Surface Mount

MOUSER STOCK NO.	Zetex Part No.	Package	V _{CEO} (V)	I _C (A)	P _D (W)	h _{FE}			V _{CE} (sat)			f _T (MHz)	Price Each			
						Min.	Max.	@ I _C (A)	Max. (mV)	@ I _C (mA)	@ I _B (mA)		1	25	100	250
◆ 522-ZTX705	ZTX705	E-Line	-120	-1	1	3k	-----	-1	-1.3	-1	-1	160	1.32	.98	.64	.545
◆ 522-FZT705TA	FZT705TA	SOT-223	-120	-2	2	3k	-----	-1	-1.3	-1	-1	160	1.11	.82	.521	.405

ZETEX DUAL NPN/PNP DARLINGTON TRANSISTOR

◆ Surface Mount

◆ 522-ZDT6718TA	ZDT6718TA	SM-8	20/-20	2/-1.5	2.5/2.5	200/150	-----	2/-2	0.2/-0.22	2.5/-1.5	50/-50	-----	1.97	1.46	.923	.718
-----------------	-----------	------	--------	--------	---------	---------	-------	------	-----------	----------	--------	-------	------	------	------	------

ZETEX NPN PLANAR AVALANCHE TRANSISTORS



◆ Surface Mount

MOUSER STOCK NO.	Zetex Part No.	Package	V _{CEO} (V)	V _{CBO} (V)	I _C (A)	P _D (W)	I _{SB}		h _{FE}		f _T		Price Each			
							(A)	@ I _C (A)	Min.	@ I _C (mA)	(MHz)	@ I _C (mA)	1	25	100	250
◆ 522-FMMT413TD	FMMT413TD	SOT-23	150	50	50	0.33	31	130	50	10	150	10	11.34	8.40	4.88	4.64
◆ 522-ZTX415	ZTX415	E-Line	260	100	60	0.68	25	250	25	10	40	10	25.58	18.94	11.95	9.29



ZETEX DUAL NPN/PNP HIGH GAIN TRANSISTORS

◆ Surface Mount

MOUSER STOCK NO.	Zetex Part No.	Package	V _{CEO} (V)	I _C (A)	P _D (W)	h _{FE}			V _{CE} (sat)			f _T (MHz)	Price Each			
						Min.	Max.	@ I _C (A)	Max. (mV)	@ I _C (mA)	@ I _B (mA)		1	25	100	250
◆ 522-ZXTC2045E6TA	ZXTC2045E6TA	SOT-23-6	40/-30	1.5/-1.5	0.9/0.9	180/180	500/500	0.1/-0.1	375/-375	0.75/-0.75	15/-15	-----	.89	.66	.46	.363
◆ 522-ZDT6790TA	ZDT6790TA	SM-8	45/-40	2/-2	2.75/2.75	150/150	-----	2/-2	0.5/-0.45	1/-1	5/-10	-----	1.97	1.46	.923	.718



Transistors

</