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## ZETEX SINGLE NPN LOW SATURATION TRANSISTORS

◆ Surface Mount

MOUSER STOCK NO.	Zetex Part No.	Package	V <sub>CEO</sub> (V)	I <sub>C</sub> (A)	P <sub>D</sub> (W)	h <sub>FE</sub>			V <sub>CE</sub> (sat)			f <sub>T</sub> (MHz)	Price Each			
						Min.	Max.	@ I <sub>C</sub> (A)	Max. (mV)	@ I <sub>C</sub> (mA)	@ I <sub>B</sub> (mA)		1	25	100	250
522-ZTX688B	ZTX688B	E-Line	12	3	1	500	-----	0.1	40	0.1	1	150				
◆ 522-FCX688BTA	FCX688BTA	SOT-89	12	3	3	1	500	0.1	40	0.1	1	150				
◆ 522-ZUMT617TA	ZUMT617TA	SOT-223	15	1.5	0.385	300	-----	0.1	20	0.1	10	180				
◆ 522-ZXT11N15DFTA	ZXT11N15DFTA	SOT-23	15	3	0.625	300	900	0.2	0.08	1	10	145				
◆ 522-FMMT617TA	FMMT617TA	SOT-23	15	3	0.625	300	-----	0.2	14	0.1	10	120				
◆ 522-ZXT13N15DE6TA	ZXT13N15DE6TA	SOT-23-6	15	5	1.1	300	900	1	70	1	10	72				
◆ 522-ZXTN25015DFHTA	ZXTN25015DFHTA	SOT-23	15	5	1.25	300	900	0.01	40	1	100	240				
◆ 522-ZXTN23015CFHTA	ZXTN23015CFHTA	SOT-23	15	6	1.25	200	560	0.5	30	1	100	235				
522-ZTX1048A	ZTX1048A	E-Line	17.5	4	1	300	1200	1	45	0.5	10	150				
◆ 522-FZT1048ATA	FZT1048ATA	SOT-223	17.5	5	2.5	300	1200	1	45	0.5	10	150				
◆ 522-ZXT11N20DFTA	ZXT11N20DFTA	SOT-23	20	2.5	0.625	300	900	0.1	0.1	1	10	160				
◆ 522-FMMT618TA	FMMT618TA	SOT-23	20	2.5	0.625	300	-----	0.2	15	0.1	10	140				
522-ZTX689B	ZTX689B	E-Line	20	3	1	500	-----	0.1	100	0.1	0.5	150				
◆ 522-FZT689BTA	FZT689BTA	SOT-223	20	3	2	500	-----	0.1	100	0.1	0.5	150				
522-ZTX618	ZTX618	E-Line	20	3.5	1	300	-----	0.2	15	0.1	10	140				
◆ 522-ZXT13N20DE6TA	ZXT13N20DE6TA	SOT-23-6	20	4.5	1.1	300	900	1	75	1	10	96				
522-ZTX649	ZTX649	E-Line	25	2	1	100	300	1	300	1	100	240				
◆ 522-FZT649TA	FZT649TA	SOT-223	25	3	2	100	300	1	300	1	100	240				
◆ 522-ZXTN2005GTA	ZXTN2005GTA	SOT-223	25	7	3	300	-----	1	40	0.5	10	150				
◆ 522-FMMT449TA	FMMT449TA	SOT-23	30	1	0.5	100	300	0.5	500	1	100	150				
◆ 522-FMMT489TA	FMMT489TA	SOT-23	30	1	0.5	100	300	1	300	1	100	150				
522-ZTX449	ZTX449	E-Line	30	1	1	100	300	0.5	500	1	100	150				
522-ZTX1049A	ZTX1049A	E-Line	30	4	1	300	1200	1	60	0.5	10	100				
◆ 522-FZT1049ATA	FZT1049ATA	SOT-223	30	5	2.5	300	1200	1	60	0.5	10	180				
◆ 522-ZXTN2007ZTA	ZXTN2007ZTA	SOT-89	30	6	2.1	100	300	1	45	1	100	140				
◆ 522-ZX5T849GTA	ZX5T849GTA	SOT-223	30	7	3	100	300	1	110	1	20	140				
522-ZTX849	ZTX849	E-Line	30	7	3	100	300	1	110	1	20	100				
◆ 522-FZT849TA	FZT849TA	SOT-223	30	7	3	100	300	1	215	2	20	100				
◆ 522-ZXTN2007GTA	ZXTN2007GTA	SOT-223	30	7	3	100	300	1	80	1	20	100				
◆ 522-ZXT849KTC	ZXT849KTC	DPAK	30	7	4.2	100	300	1	80	1	20	100				
◆ 522-FZT491ATA	FZT491ATA	SOT-223	40	1	2	300	900	0.5	300	0.5	50	150				
◆ 522-FCX1051ATA	FCX1051ATA	SOT-89	40	3	1	300	1200	1	120	1	10	155				
522-ZTX1051A	ZTX1051A	E-Line	40	4	1	300	1200	1	110	1	10	155				
◆ 522-FZT1051ATA	FZT1051ATA	SOT-223	40	5	2.5	270	1200	1	120	1	10	155				
◆ 522-BCW66HTA	BCW66HTATA	SOT-23	45	0.8	0.33	250	630	0.1	300	0.1	10	100				
522-ZTX450	ZTX450	E-Line	45	1	1	100	300	0.15	250	0.15	15	150				
522-ZTX690B	ZTX690B	E-Line	45	2	1	400	-----	1	100	0.1	0.5	150				
◆ 522-FCX690BTA	FCX690BTA	SOT-89	45	2	1	400	-----	1	80	0.1	0.5	150				
◆ 522-FZT690BTA	FZT690BTA	SOT-223	45	3	2	400	-----	1	100	0.1	0.5	150				
◆ 522-ZXT690BKTC	ZXT690BKTC	DPAK	45	3	3.9	400	-----	1	80	1	20	150				
◆ 522-ZUMT619TA	ZUMT619TA	SOT-323	50	1	0.385	300	-----	0.1	35	0.1	10	215				
◆ 522-FMMT619TA	FMMT619TA	SOT-23	50	2	0.625	300	-----	0.2	20	0.1	10	170				
◆ 522-ZXT10N50DE6TA	ZXT10N50DE6TA	SOT-23-6	50	3	1.1	200	-----	1	200	1	10	165				
◆ 522-ZXT13N50DE6TA	ZXT13N50DE6TA	SOT-23-6	50	4	1.1	300	900	1	100	1	10	115				
◆ 522-ZXTN2031FTA	ZXTN2031FTA	SOT-23	50	5	1.2	200	560	0.5	40	1	100	125				
◆ 522-FZT851TA	FZT851TA	SOT-223	60	6	3	100	300	2	100	1	50	130				
◆ 522-FZT692BTA	FZT692BTA	SOT-223	70	2	2	400	-----	0.5	500	1	10	150				
◆ 522-FZT1053ATA	FZT1053ATA	SOT-223	75	4.5	2.5	300	1200	0.5	200	1	10	140				
◆ 522-ZXT1053AKTC	ZXT1053AKTC	DPAK	75	5	4	300	1200	1	160	1	10	160				
◆ 522-FMMT620TA	FMMT620TA	SOT-23	80	1.5	0.625	300	-----	0.2	23	0.1	10	150				

## ZETEX DUAL NPN LOW SATURATION TRANSISTORS



◆ Surface Mount

MOUSER STOCK NO.	Zetex Part No.	Package	V <sub>CEO</sub> (V)	I <sub>C</sub> (A)	P <sub>D</sub> (W)	h <sub>FE</sub>			V <sub>CE</sub> (sat)			f <sub>T</sub> (MHz)	Price Each			
						Min.	Max.	@ I <sub>C</sub> (A)	Max. (mV)	@ I <sub>C</sub> (mA)	@ I <sub>B</sub> (mA)		1	25	100	250
◆ 522-ZDT1048TA	ZDT1048TA	SM-8	17.5	5	2.75	250	-----	5	0.24	5	100	-----				
◆ 522-ZXTD09N50DE6TA	ZXTD09N50DE6TA	SOT-23-6	50	1	1.1	300	-----	0.1	0.27	1	50	-----				
◆ 522-ZXT12N50DXTA	ZXT12N50DXTA	MSOP-8	50	3	1.25	300	900	1	0.12	1	10	-----				
◆ 522-ZDT1053TA	ZDT1053TA	SM-8	75	5	2.75	300	-----	1	0.44	5	250	-----				

## ZETEX SINGLE PNP LOW SATURATION TRANSISTORS

◆ Surface Mount

MOUSER STOCK NO.	Zetex Part No.	Package	V <sub>CEO</sub> (V)	I <sub>C</sub> (A)	P <sub>D</sub> (W)	h <sub>FE</sub>			V <sub>CE</sub> (sat)			f <sub>T</sub> (MHz)	Price Each			
						Min.	Max.	@ I <sub>C</sub> (A)	Max. (mV)	@ I <sub>C</sub> (mA)	@ I <sub>B</sub> (mA)		1	25	100	250
◆ 522-FMMTL717TA	FMMTL717TA	SOT-23	-12	-1.25	0.5	300	-----	-0.1	-40	-0.1	-10	205				
◆ 522-FMMT717TA	FMMT717TA	SOT-23	-12	-2.5	0.625	300	-----	-0.1	-17	-0.1	-10	110				
◆ 522-ZXT10P12DE6TA	ZXT10P12DE6TA	SOT-23-6	-12	-3	1.1	300	-----	-0.1	-17	-0.1	-10	110				
◆ 522-ZXT13P12DE6TA	ZXT13P12DE6TA	SOT-23-6	-12	-4	1.1	300	900	-1	-90	-1	-10	55				
◆ 522-FZT968TA	FZT968TA	SOT-223	-12	-6	3	300	1000	-0.5	-130	-0.5	-5	80				
522-ZTX788B	ZTX788B	E-Line	-15	-3	1	400	-----	-1	-150	-0.5	-2.5	100				
522-ZTX788A	ZTX788A	E-Line	-15	-3	1	300	800	-0.01	-35	-0.1	-2	150				
◆ 522-FZT788BTA	FZT788BTA	SOT-223	-15	-3	2	400	-----	-1	-150	-0.5	-2.5	100				
◆ 522-FMMT718TA	FMMT718TA	SOT-23	-20	-1.5	0.625	300	-----	-0.1	-40	-0.1	-10	180				