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Transistors

Diodes Inc.

ZETEX NPN LOW SATURATION TRANSISTORS (CONT.)

◆ 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
Single																
◆ 522-FCX1051ATA	FCX1051ATA	SOT-89	40	3	1	300	1200	1	120	1	10	155	1.14	.81	.513	.454
◆ 522-ZTX1051A	ZTX1051A	E-Line	40	4	1	300	1200	1	110	1	10	155	.99	.82	.786	.69
◆ 522-FZT1051ATA	FZT1051ATA	SOT-223	40	5	2.5	270	1200	1	120	1	10	155	.81	.62	.58	.512
◆ 522-BCW66HTA	BCW66HTATA	SOT-23	45	0.8	0.33	250	630	0.1	300	0.1	100	100	.17	.14	.114	.097
◆ 522-ZTX450	ZTX450	E-Line	45	1	1	100	300	0.15	250	0.15	15	150	.56	.54	.42	.412
◆ 522-ZTX690B	ZTX690B	E-Line	45	2	1	400	-	1	100	0.1	0.5	150	.83	.70	.661	.58
◆ 522-FCX690BTA	FCX690BTA	SOT-89	45	2	1	400	-	1	80	0.1	0.5	150	.52	.49	.324	.273
◆ 522-FZT690BTA	FZT690BTA	SOT-223	45	3	2	400	-	1	100	0.1	0.5	150	.83	.82	.66	.572
◆ 522-ZXT690BKTC	ZXT690BKTC	DPAK	45	3	3.9	400	-	1	80	1	20	150	1.04	.92	.826	.719
◆ 522-ZUMT619TA	ZUMT619TA	SOT-323	50	1	0.385	300	-	0.1	35	0.1	10	215	.39	.38	.27	.254
◆ 522-FMMT619TA	FMMT619TA	SOT-23	50	2	0.625	300	-	0.2	20	0.1	10	170	.55	.41	.342	.312
◆ 522-ZXT10N50DE6TA	ZXT10N50DE6TA	SOT-23-6	50	3	1.1	200	-	1	200	1	10	165	.57	.50	.45	.39
◆ 522-ZXT13N50DE6TA	ZXT13N50DE6TA	SOT-23-6	50	4	1.1	300	900	1	100	1	10	115	.68	.50	.486	.421
◆ 522-ZXTN2031FTA	ZXTN2031FTA	SOT-23	50	5	1.2	200	560	0.5	40	1	100	125	.79	.715	.63	.546
◆ 522-FZT851TA	FZT851TA	SOT-223	60	6	3	100	300	2	100	1	50	130	.95	.70	.63	.612
◆ 522-FZT692BTA	FZT692BTA	SOT-223	70	2	2	400	-	0.5	500	1	10	150	.83	.82	.66	.572
◆ 522-FZT1053ATA	FZT1053ATA	SOT-223	75	4.5	2.5	300	1200	0.5	200	1	10	140	.81	.65	.58	.531
◆ 522-ZXT1053AKTC	ZXT1053AKTC	DPAK	75	5	4	300	1200	1	160	1	10	160	.91	.89	.72	.62
◆ 522-FMMT620TA	FMMT620TA	SOT-23	80	1.5	0.625	300	-	0.2	23	0.1	10	150	.55	.54	.381	.35
Dual																
◆ 522-ZDT1048TA	ZDT1048TA	SM-8	17.5	5	2.75	250	-	5	0.24	5	100	-	1.59	1.45	1.26	1.09
◆ 522-ZXTD09N50DE6TA	ZXTD09N50DE6TA	SOT-23-6	50	1	1.1	300	-	0.1	0.27	1	50	-	1.01	.95	.806	.702
◆ 522-ZDT1053TA	ZDT1053TA	SM-8	75	5	2.75	300	-	1	0.44	5	250	-	1.59	1.45	1.26	1.09

ZETEX PNP LOW SATURATION 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
Single PNP																
◆ 522-FMMT717TA	FMMT717TA	SOT-23	-12	-2.5	0.625	300	-	-0.1	-17	-0.1	-10	110	.45	.42	.27	.25
◆ 522-ZXT13P12DE6TA	ZXT13P12DE6TA	SOT-23-6	-12	-4	1.1	300	900	-1	-90	-1	-10	55	.68	.50	.486	.421
◆ 522-FZT968TA	FZT968TA	E-Line	-12	-6	3	300	1000	-0.5	-130	-0.5	-5	80	1.73	1.28	.81	.63
◆ 522-ZTX788B	ZTX788B	E-Line	-15	-3	1	400	-	-1	-150	-0.5	-2.5	100	1.51	1.12	.78	.62
◆ 522-ZTX788A	ZTX788A	E-Line	-15	-3	1	300	800	-0.01	-35	-0.1	-2	150	1.44	1.19	.963	.924
◆ 522-FZT788BTA	FZT788BTA	SOT-223	-15	-3	2	400	-	-1	-150	-0.5	-2.5	100	.93	.75	.661	.612
◆ 522-FMMT718TA	FMMT718TA	SOT-23	-20	-1.5	0.625	300	-	-0.1	-40	-0.1	-10	180	.41	.33	.248	.21
◆ 522-FZT948TA	FZT948TATA	SOT-223	-20	-6	3	100	300	-1	-130	-0.5	-10	80	1.02	.94	.81	.705
◆ 522-ZTX749	ZTX749	E-Line	-25	-2	1	100	300	-1	-300	-1	-100	160	.81	.70	.644	.565
◆ 522-ZTX1149A	ZTX1149A	E-Line	-25	-3	1	250	800	-2	-170	-0.5	-3	135	.99	.85	.786	.69
◆ 522-FZT749TA	FZT749TA	SOT-223	-25	-3	2	100	300	-1	-300	-1	-100	160	.84	.82	.596	.512
◆ 522-FZT1149ATA	FZT1149ATA	SOT-223	-25	-4	2.5	250	800	-0.5	-240	-1	-7	135	.87	.75	.621	.524
◆ 522-FMMT549TA	FMMT549TA	SOT-23	-30	-1	0.5	100	300	-0.5	-500	-1	-100	100	.33	.32	.225	.21
◆ 522-FMMT589TA	FMMT589TA	SOT-23	-30	-1	0.5	100	300	-0.5	-350	-1	-100	100	.33	.32	.225	.212
◆ 522-ZTX549	ZTX549	E-Line	-30	-1	1	100	300	-0.5	-500	-1	-100	100	.56	.50	.432	.376
◆ 522-FZT549TA	FZT549TA	SOT-223	-30	-1	2	100	300	-0.5	-500	-1	-100	100	.64	.50	.459	.412
◆ 522-ZXTP2008ZTA	ZXTP2008ZTA	SOT-89	-30	-2.2	2.1	100	300	-1	-45	-1	-100	110	.87	.70	.621	.524
◆ 522-ZTX949	ZTX949	E-Line	-30	-4.5	1.2	100	300	-1	-60	-0.5	-20	100	1.10	.90	.869	.763
◆ 522-ZXT790AKTC	ZXT790AKTC	DPAK	-40	-0.3	3.9	250	800	-0.5	-170	-0.5	-5	100	1.04	.90	.826	.719
◆ 522-FMMT591ATA	FMMT591ATA	SOT-23	-40	-1	0.5	300	800	-0.1	-200	-0.1	-1	150	.33	.32	.225	.212
◆ 522-FCX591ATA	FCX591ATA	SOT-89	-40	-1	2	300	800	-0.1	-200	-0.1	-1	150	.52	.44	.324	.312
◆ 522-FMMT720TA	FMMT720TA	SOT-23	-40	-1.5	0.625	300	-	-0.1	-40	-0.1	-10	190	.45	.42	.27	.25
◆ 522-ZTX790A	ZTX790A	E-Line	-40	-2	1	300	800	-0.01	-250	-0.5	-5	100	.99	.80	.786	.69
◆ 522-FCX790ATA	FCX790ATA	SOT-89	-40	-2	1	250	-	-0.5	-250	-0.5	-5	100	.57	.55	.351	.312
◆ 522-ZXT13P40DE6TA	ZXT13P40DE6TA	SOT-23-6	-40	-3	1.1	300	900	-1	-200	-1	-20	115	.68	.50	.486	.421
◆ 522-FCX1151ATA	FCX1151ATA	SOT-89	-40	-3	2.5	250	800	-0.5	-180	-0.5	-5	145	.81	.72	.513	.454
◆ 522-FZT1151ATA	FZT1151ATA	SOT-223	-40	-5	2.5	270	1200	-1	-120	-1	-10	155	.87	.75	.621	.512
◆ 522-BCW68HTA	BCW68HTA	SOT-23	-45	-0.8	0.33	250	630	-0.1	-300	-0.1	-10	100	.17	.14	.114	.097
◆ 522-ZTX550	ZTX550	E-Line	-45	-1	1	100	300	-0.15	-350	-0.15	-15	150	.56	.50	.42	.364
◆ 522-FZT951TA	FZT951TA	SOT-223	-60	-6	3	100	300	2	-100	-1	-50	130	1.02	.88	.77	.705
◆ 522-ZX5T955GTA	ZX5T955GTA	SOT-223	-140	-4	1.6	100	300	-1	-80	-0.5	-50	120	.91	.80	.729	.631
Dual NPN/PNP																
◆ 522-ZXTD4591E6TA	ZXTD4591E6TA	SOT-23-6	60/-60	1/-1	1.1/1.1	100/100	-	0.5/0.5	0.25/-0.3	0.5/-0.5	50/-50	-	.67	.62	.531	.46

ZETEX NPN 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-ZTX694B	ZTX694B	E-Line	120	1	1	400	-	0.2	250	0.1	0.5	130	.83	.72	.661	.58
◆ 522-FZT694BTA	FZT694BTA	SOT-223	120	1	2	100	-	0.2	250	0.1	0.5	130	.83	.82	.66	.572
◆ 522-FMMT624TA	FMMT624TA	SOT-23	125	1	0.625	300	-	0.2	220	0.5	10	100	.47	.40	.342	.289
◆ 522-FMMT455TA	FMMT455TA	SOT-23	140	1	0.5	100	300	0.15	700	0.15	15	100	.33	.30	.202	.17
◆ 522-ZTX455	ZTX455	E-Line	140	1	1	100	300	0.15	700	0.15	0.15	100	.56	.50	.42	.364
◆ 522-FMMT495TA	FMMT495TA	SOT-23	150	1	0.5	100	300	0.25	300	0.5	50	100	.29	.25	.195	.181
◆ 522-FMMT625TA	FMMT625TA	SOT-23	150	1	0.625	300	-	0.2	200	0.1	1	100	.55	.54	.342	.312
◆ 522-FCX495TA	FCX495TA	SOT-89	150	1	1	100	300	0.25	300	0.5	50	100	.47	.44	.283	.253
◆ 522-FZT655TA	FZT655TA	SOT-223	150	1	2	50	-	0.5	500	0.5	50	30	.68	.57	.486	.412
◆ 522-ZTX855	ZTX855	E-Line	150	4	1.2	100	300	1	60	0.5	50	90	.96	.80	.759	.666
◆ 522-FZT855TA	FZT855TA	SOT-223	150	5	3	100	300	1	65	0.5	50	90	.95	.80</		