

DIODES INC. Bipolar Transistors



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

SINGLE NPN LOW SATURATION TRANSISTORS (CONT.)

◆ Surface Mount

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Diodes Inc. Part No.	Package	V _{CEO} (V)	I _C (A)	P _D (W)	hFE			V _{CE} (sat)			f _T (MHz)	Price Each			
						Min.	Max.	@ I _C (A)	Max. (mV)	@ I _C (mA)	@ I _B (mA)		1	10	100	1000
◆ 522-FZT1051ATA	FZT1051ATA	SOT-223	40	5	2.5	270	1200	1	120	1	10	155	.80	.666	.43	.344
◆ 522-BCW66HTA	BCW66HTA	SOT-23	45	0.8	0.33	250	630	0.1	300	0.1	10	100	.42	.274	.117	.09
◆ 522-ZTX450	ZTX450	E-Line	45	1	1	100	300	0.15	250	0.15	15	150	.60	.505	.308	.238
◆ 522-ZTX690B	ZTX690B	E-Line	45	2	1	400	-	-	100	0.1	0.5	150	.88	.756	.581	.405
◆ 522-FCX690BTA	FCX690BTA	SOT-89	45	2	1	400	-	1	80	0.1	0.5	150	.56	.469	.286	.221
◆ 522-FZT690BTA	FZT690BTA	SOT-223	45	3	2	400	-	1	100	0.1	0.5	150	.82	.682	.44	.352
◆ 522-ZXT690BKTC	ZXT690BKTC	DPAK	45	3	3.9	400	-	1	80	1	20	150	1.00	.857	.658	.459
◆ 522-ZUMT619TA	ZUMT619TA	SOT-323	50	1	0.385	300	-	0.1	35	0.1	10	215	.39	.325	.198	.153
◆ 522-FMMT619TA	FMMT619TA	SOT-23	50	2	0.625	300	-	0.2	20	0.1	10	170	.55	.458	.279	.216
◆ 522-ZXT10N50DE6TA	ZXT10N50DE6TA	SOT-23-6	50	3	1.1	200	-	1	200	1	10	165	.55	.465	.30	.24
◆ 522-ZXT13N50DE6TA	ZXT13N50DE6TA	SOT-23-6	50	4	1.1	300	900	1	100	1	10	115	.67	.558	.36	.288
◆ 522-ZXTN2031FTA	ZXTN2031FTA	SOT-23	50	5	1.2	200	560	0.5	40	1	100	125	.78	.651	.42	.336
◆ 522-FZT851TA	FZT851TA	SOT-223	60	6	3	100	300	2	100	1	50	130	.91	.784	.602	.42
◆ 522-FZT692BTA	FZT692BTA	SOT-223	70	2	2	400	-	0.5	500	1	10	150	.82	.682	.44	.352
◆ 522-FZT1053ATA	FZT1053ATA	SOT-223	75	4.5	2.5	300	1200	0.5	200	1	10	140	.80	.666	.43	.344
◆ 522-ZXT1053AKTC	ZXT1053AKTC	DPAK	75	5	4	300	1200	1	160	1	10	160	.67	.558	.36	.288
◆ 522-FMMT620TA	FMMT620TA	SOT-23	80	1.5	0.625	300	-	0.2	23	0.1	10	150	.55	.458	.279	.216

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◆ 522-ZDT1048TA	ZDT1048TA	SM-8	17.5	5	2.75	250	-	5	0.24	5	100	-	1.53	1.31	1.00	.702
◆ 522-ZDT1053TA	ZDT1053TA	SM-8	75	5	2.75	300	-	1	0.44	5	250	-	1.53	1.31	1.00	.702

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						Min.	Max.	@ I _C (A)	Max. (mV)	@ I _C (mA)	@ I _B (mA)		1	10	100	1000
◆ 522-FMMT717TA	FMMT717TA	SOT-23	-12	-2.5	0.625	300	-	-0.1	-17	-0.1	-10	110	.43	.361	.22	.17
◆ 522-ZXT13P12DE6TA	ZXT13P12DE6TA	SOT-23-6	-12	-4	1.1	300	900	-1	-90	-1	-10	55	.67	.558	.36	.288
◆ 522-FZT968TA	FZT968TA	SOT-223	-12	-6	3	300	1000	-0.5	-130	-0.5	-5	80	.98	.84	.645	.45
◆ 522-ZTX788B	ZTX788B	E-Line	-15	-3	1	400	-	-1	-150	-0.5	-2.5	100	1.12	.899	.69	.481
◆ 522-ZTX788A	ZTX788A	E-Line	-15	-3	1	300	800	-0.01	-35	-0.1	-2	150	1.05	.899	.69	.481
◆ 522-FZT788BTA	FZT788BTA	SOT-223	-15	-3	2	400	-	-1	-150	-0.5	-2.5	100	.91	.759	.49	.392
◆ 522-FMMT718TA	FMMT718TA	SOT-23	-20	-1.5	0.625	300	-	-0.1	-40	-0.1	-10	180	.43	.361	.22	.17
◆ 522-FZT948TA	FZT948TATA	SOT-223	-20	-6	3	100	300	-1	-130	-0.5	-10	80	.98	.84	.645	.45
◆ 522-ZTX749	ZTX749	E-Line	-25	-2	1	100	300	-1	-300	-1	-100	160	.86	.736	.565	.394
◆ 522-ZTX1149A	ZTX1149A	E-Line	-25	-3	1	250	800	-2	-170	-0.5	-3	135	1.05	.899	.69	.481
◆ 522-FZT749TA	FZT749TA	SOT-223	-25	-3	2	100	300	-1	-300	-1	-100	160	.82	.685	.442	.354
◆ 522-FZT1149ATA	FZT1149ATA	SOT-223	-25	-4	2.5	250	800	-0.5	-240	-1	-7	135	.85	.713	.46	.368
◆ 522-FMMT549TA	FMMT549TA	SOT-23	-30	-1	0.5	100	300	-0.5	-500	-1	-100	100	.43	.332	.18	.135
◆ 522-FMMT589TA	FMMT589TA	SOT-23	-30	-1	0.5	100	300	-0.5	-350	-1	-100	100	.43	.332	.18	.135
◆ 522-ZTX549	ZTX549	E-Line	-30	-1	1	100	300	-0.5	-500	-1	-100	100	.59	.496	.32	.256
◆ 522-FZT549TA	FZT549TA	SOT-223	-30	-1	2	100	300	-0.5	-500	-1	-100	100	.63	.527	.34	.272
◆ 522-ZXTP2008ZTA	ZXTP2008ZTA	SOT-89	-30	-2.2	2.1	100	300	-1	-45	-1	-100	110	.85	.713	.46	.368
◆ 522-ZTX949	ZTX949	E-Line	-30	-4.5	1.2	100	300	-1	-60	-0.5	-20	100	1.16	.994	.763	.532
◆ 522-ZXT790AKTC	ZXT790AKTC	DPAK	-40	-0.3	3.9	250	800	-0.5	-170	-0.5	-5	100	1.00	.857	.658	.459
◆ 522-FMMT591ATA	FMMT591ATA	SOT-23	-40	-1	0.5	300	800	-0.1	-200	-0.1	-1	150	.43	.332	.18	.135
◆ 522-FCX591ATA	FCX591ATA	SOT-89	-40	-1	2	300	800	-0.1	-200	-0.1	-1	150	.52	.433	.264	.204
◆ 522-FMMT720TA	FMMT720TA	SOT-23	-40	-1.5	0.625	300	-	-0.1	-40	-0.1	-10	190	.43	.361	.22	.17
◆ 522-ZTX790A	ZTX790A	E-Line	-40	-2	1	300	800	-0.01	-250	-0.5	-5	100	1.05	.899	.69	.481
◆ 522-FCX790ATA	FCX790ATA	SOT-89	-40	-2	1	250	-	-0.5	-250	-0.5	-5	100	.56	.469	.286	.221
◆ 522-ZXT13P40DE6TA	ZXT13P40DE6TA	SOT-23-6	-40	-3	1.1	300	900	-1	-200	-1	-20	115	.67	.558	.36	.288
◆ 522-FCX1151ATA	FCX1151ATA	SOT-89	-40	-3	2.5	250	800	-0.5	-180	-0.5	-5	145	.70	.589	.38	.304
◆ 522-FZT1151ATA	FZT1151ATA	SOT-223	-40	-5	2.5	270	1200	-1	-120	-1	-10	155	.85	.713	.46	.368
◆ 522-BCW68HTA	BCW68HTA	SOT-23	-45	-0.8	0.33	250	630	-0.1	-300	-0.1	-10	100	.42	.274	.117	.09
◆ 522-ZTX550	ZTX550	E-Line	-45	-1	1	100	300	-0.15	-350	-0.15	-15	150	.60	.505	.308	.238
◆ 522-FZT951TA	FZT951TA	SOT-223	-60	-6	3	100	300	2	-100	-1	-50	130	.98	.84	.645	.45
◆ 522-ZX5T955GTA	ZX5T955GTA	SOT-223	-140	-4	1.6	100	300	-1	-80	-0.5	-50	120	.88	.756	.581	.405

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◆ 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	-	.66	.549	.354	.283
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SINGLE NPN HIGH VOLTAGE TRANSISTORS

◆ Surface Mount

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Diodes Inc. Part No.	Package	V _{CEO} (V)	I _C (A)	P _D (W)	hFE			V _{CE} (sat)			f _T (MHz)	Price Each			
						Min.	Max.	@ I _C (A)	Max. (mV)	@ I _C (mA)	@ I _B (mA)		1	10	100	1000
◆ 522-ZTX694B	ZTX694B	E-Line	120	1	1	400	-	0.2	250	0.1	0.5	130	.88	.756	.581	.405
◆ 522-FZT694BTA	FZT694BTA	SOT-223	120	1	2	100	-	0.2	250	0.1	0.5	130	.82	.682	.44	.352
◆ 522-FMMT624TA	FMMT624TA	SOT-23	125	1	0.625	300	-	0.2	220	0.5	10	100	.55	.458	.279	.216
◆ 522-FMMT455TA	FMMT455TA	SOT-23	140	1	0.5	100	300	0.15	700	0.15	15	100	.43	.332	.18	.135
◆ 522-ZTX455	ZTX455	E-Line	140	1	1	100	300	0.15	700	0.15	0.15	100	.60	.505	.308	.238
◆ 522-FMMT495TA	FMMT495TA	SOT-23	150	1	0.5	100	300	0.25	300	0.5	50	100	.37	.288	.156	.117
◆ 522-FMMT625TA	FMMT625TA	SOT-23	150	1	0.625	300	-	0.2	200	0.1	1	100	.55	.458	.279	.216
◆ 522-FCX495TA	FCX495TA	SOT-89	150	1	1	100	300	0.25	300	0.5	50	100	.45	.379	.231	.179
◆ 522-FZT655TA	FZT655TA	SOT-223	150	1	2	50	-	0.5	500	0.5	50	30	.67	.558	.36	.288
◆ 522-ZTX855	ZTX855	E-Line	150	4	1.2	100	300	1	60	0.5	50	90	1.01	.868	.667	.465
◆ 522-FZT855TA	FZT855TA	SOT-223	150	5	3	100	300	1	65	0.5	50	90	.91	.784	.602	.42
◆ 522-ZTX696B	ZTX696B	E-Line	180	0.5	1	500	-	0.1	250	0.2	5	70	.88	.756	.581	.405
◆ 522-FZT696BTA	FZT696BTA	SOT-223	180	0.5	2	500	-	0.1	250	0.2	5	70	.82	.682	.44	.352
◆ 522-FMMTA42TA	FMMTA42TA	SOT-23	300	0.2	0.33	40	-	0.03	500	0.02	2	50	.44	.288	.124	.095
◆ 522-FMMT497TA	FMMT497TA	SOT-23	300	0.5	0.5	80	300	0.1	200	0.1	10	75	.43	.332	.18	.135
◆ 522-ZTX657	ZTX657	E-Line	300	0.5	1	50	-	0.1	500	0.1	10	30	.86	.736	.565	.394
◆ 522-ZTX457	ZTX457	E-Line	300	0.5	1	50	300	0.05	300	0.1	10	75	.59	.496	.32	.256
◆ 522-FZT657TA	FZT657TA	SOT-223	300	0.5	2	50	-	0.1	500	0.1	10	30	.67	.558	.36	.288
◆ 522-FZT857TA	FZT857TA	SOT-223	300	3.5	3	100	300	0.5	230	2	200	80	.91	.784	.602	.42