

— Numerical Index —

1N3488-1N3566

TYPE	MATERIAL	REPLACEMENT	PAGE NUMBER	IDENTIFICATION	RECTIFIERS					ZENER DIODES				
					V_R (volts)	V_F (volts)	I_O (Amps)	I_R (mA)	I_{surge} (Amps)	V_Z (min)	V_Z (nom) *	T_{ol} V_Z %	P_D	
					SIGNAL DIODES					REFERENCE DIODES				
					PRV (volts)	V_F @ I_F (volts)	I_R	t_{rr} (μ s)	TC %/°C	V_Z	T (min) °C	T (max) °C		
1N3488 1N3489 thru 1N3490 1N3491 1N3492 1N3493 1N3494 1N3495	S S S S S S S S	Varactor Diode, See table on page 1-86 4-Layer Diodes, See table on page 1-96		R R R R R	50 100 200 300 400	1.7 1.7 1.7 1.7 1.7	18 18 18 18 18	1.0 1.0 1.0 1.0 1.0	300 300 300 300 300					
1N3496 1N3497 1N3498	S S S	1N829 1N827 1N825	2-45 2-45 2-45	RD RD RD						0.005 0.002 0.001	6.5 6.5 6.5	0 0 0	75 75 75	
1N3499 1N3500 1N3501 1N3502 1N3503 1N3504 1N3506 1N3507 1N3508 1N3509 1N3510 1N3511	S S S S S S S S S S S S	1N823 1N821 M2640 M2620 M2610 M2605 1N5226B 1N5227B 1N5228B 1N5229B 1N5230B 1N5231B	2-45 2-45 2-52 2-52 2-52 2-52 2-32 2-32 2-32 2-32 2-32 2-32	RD RD RD RD RD RD ZD ZD ZD ZD ZD ZD						0.0005 0.01	6.5 6.5 6.5 6.5 6.5 6.5 3.3* 3.6* 3.9* 4.3* 4.7* 5.1*	0 0 25 25 25 25 5.0 5.0 5.0 5.0 5.0 5.0	75 75 100 100 100 100 400M 400M 400M 400M 400M 400M	
1N3512 1N3513 1N3514 1N3515 1N3516 1N3517 1N3518 1N3519 1N3520 1N3521 1N3522 1N3523	S S S S S S S S S S S S	1N5232B 1N5234B 1N5235B 1N5236B 1N5237B 1N5239B 1N5240B 1N5241B 1N5242B 1N5243B 1N5245B 1N5246B	2-32 2-32 2-32 2-32 2-32 2-32 2-32 2-32 2-32 2-32 2-32 2-32	ZD ZD ZD ZD ZD ZD ZD ZD ZD ZD ZD ZD							5.6* 6.2* 6.8* 7.5* 8.2* 9.1* 10* 11* 12* 13* 15* 16*	5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0	400M 400M 400M 400M 400M 400M 400M 400M 400M 400M 400M 400M	
1N3524 1N3525 1N3526 1N3527 1N3528 1N3529 1N3530 1N3531 1N3532 1N3533 1N3534 1N3535 1N3536	S S S S S S S S S S S S S	1N5248B 1N5250B 1N5251B 1N5252B 1N5254B 1N5256B 1N5257B 1N5258B 1N5259B 1N5260B 1N5261B	2-32 2-32 2-32 2-32 2-32 2-32 2-32 2-32 2-32 2-32 2-32	ZD ZD ZD ZD ZD ZD ZD ZD ZD ZD ZD							18* 20* 22* 24* 27* 30* 33* 36* 39* 43* 47*	5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0	400M 400M 400M 400M 400M 400M 400M 400M 400M 400M 400M	
1N3537 1N3538 1N3539 1N3539A 1N3540 1N3540A 1N3541 1N3541A 1N3542 1N3542A 1N3543 1N3543A 1N3544	S S S S S S S S S S S S S	1N4741A† Backward Diode Backward Diode Backward Diode Backward Diode Backward Diode Backward Diode Backward Diode Backward Diode Backward Diode Backward Diode Backward Diode 1N4002	2-29 3-24	ZD GP GP GP GP GP GP GP GP GP GP GP R	150 100	0.549 0.65 1.5	100M 1.0M 0.6	25N 0.2	15 15		12* 	1.0W 		
1N3545 1N3546 1N3547 1N3548 1N3549 1N3550 1N3551 thru 1N3552 1N3553 1N3554 thru	S S S S S S S S S S S S	1N4003 1N4004 1N4004 1N4005 1N4005 Varactor Diodes, See table on page 1-86 1N821 Varactor Diodes, See table on page 1-86	3-24 3-24 3-24 3-24 3-24 2-45 	R R R R R RD 	200 300 400 500 600 100	1.5 1.5 1.5 1.5 1.5 	0.6 0.6 0.6 0.6 0.6 	0.2 0.2 0.2 0.2 0.2 	15 15 15 15 15 		0.0001 	6.3 	-55 	100
1N3557 1N3558 1N3559 1N3560 thru 1N3562 1N3563 1N3564 1N3565 1N3566	S G S G S S	Matched Pair of 1N751A's, Zener Diode Tunnel Diodes, See table on page 1-92		GP R GP HC R	24 1000 15 6.0 800	1.0 1.2 1.0 2.0 2.25	200M 0.4 40M 2.0A 1.0	20* 0.2 25M 0.5	40 40 20 20					

R — Rectifier, RD — Reference Diode, ZD — Zener Diode, GP — General Purpose, HC — High Conductance (≥ 20 mA @ ≤ 1 V), HS — High Speed Switch (Max $t_r < 0.3 \mu$ s), CS — High Conductance, High Speed Switch, MS — Medium Speed Switch, PA — Parametric Amplifier, SP — Special Purpose.

*Original device is a clipper, requires a pair of units for adequate replacement.