

1N3256-1N3313B

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) *	Tol V _Z %	P _D
					SIGNAL DIODES					REFERENCE DIODES			
					PRV (volts)	V _F @ I _F (volts)	I _R	t _r (μs)	TC %/°C	V _Z	T (min) °C	T (max) °C	
1N3256	S	1N4006	3-24	R	800	1.2	0.5	0.2	40				
1N3260	S	MR1220SB	3-49	R	50	1.6	160	12	2000				
1N3261	S	MR1221SB	3-49	R	100	1.6	160	12	2000				
1N3262	S	MR1222SB	3-49	R	150	1.6	160	12	2000				
1N3263	S	MR1223SB	3-49	R	200	1.6	160	12	2000				
1N3264	S	MR1224SB	3-49	R	250	1.6	160	12	2000				
1N3265	S	MR1225SB	3-49	R	300	1.6	160	12	2000				
1N3266	S	MR1226SB	3-49	R	350	1.6	160	12	2000				
1N3267	S	MR1227SB	3-49	R	400	1.6	160	12	2000				
1N3268	S			R	500	1.6	160	12	2000				
1N3269	S			R	600	1.6	160	12	2000				
1N3270	S			R	700	1.6	160	12	2000				
1N3271	S			R	800	1.6	160	12	2000				
1N3272	S			R	900	1.6	160	12	2000				
1N3273	S			R	1000	1.6	160	12	2000				
1N3274	S			R	1200	1.4	160	12	2000				
1N3275	S			R	1400	1.4	160	12	2000				
1N3276	S			R	1600	1.4	160	12	2000				
1N3277	S			R	200	1.3	0.75		25				
1N3278	S			R	400	1.3	0.75		25				
1N3279	S			R	600	1.3	0.75		25				
1N3280	S			R	800	1.3	0.75		25				
1N3281	S			R	1000	1.3	0.75		25				
1N3282	S			R	1000	3.7	0.1		2.5				
1N3283	S			R	1500	3.7	0.1		2.5				
1N3284	S			R	2000	3.7	0.1		2.5				
1N3285	S			R	2500	3.7	0.1		2.5				
1N3286	S			R	3000	3.7	0.1		2.5				
1N3287	CS			SP	6.0	0.312	1.0M	15*					
1N3288	S	MR1211SB	3-46	R	100	1.5	100	200	1600				
1N3288A	S			R	100	1.5	100	24	2300				
1N3289	S	MR1213SB	3-46	R	200	1.5	100	300	1600				
1N3289A	S			R	200	1.5	100	24	2300				
1N3290	S	MR1215SB	3-46	R	300	1.5	100	400	1600				
1N3290A	S			R	300	1.5	100	24	2300				
1N3291	S	MR1217SB	3-46	R	400	1.5	100	525	1600				
1N3291A	S			R	400	1.5	100	24	2300				
1N3292	S			R	500	1.5	100	650	1600				
1N3292A	S			R	500	1.5	100	21	1600				
1N3292B	S			R	500	1.5	100	21	2300				
1N3293	S			R	600	1.5	100	800	1600				
1N3293A	S			R	600	1.5	100	17	2300				
1N3294	S			R	800	1.5	100	1050	1600				
1N3294A	S			R	800	1.5	100	13	2300				
1N3295	S			R	1000	1.5	100	1300	1600				
1N3295A	S			R	1000	1.5	100	11	2300				
1N3296	S			R	1200	1.5	100	1600	1600				
1N3296A	S			R	1200	1.5	100	9.0	2300				
1N3297	S			R	1400	1.5	100	1800	1600				
1N3297A	S			R	1400	1.5	100	7.0	2300				
1N3298	S			CS	70	0.9	500M	0.2*	20				
1N3298A	S			CS	70	0.9	0.5A	0.2*					
1N3299 thru 1N3304, A		4-Layer Diodes, See table on page 1-96											
1N3305	S		2-16	ZD						6.8*	20	50W	
1N3305A	S		2-16	ZD						6.8*	10	50W	
1N3305B	S		2-16	ZD						6.8*	5.0	50W	
1N3306	S		2-16	ZD						7.5*	20	50W	
1N3306A	S		2-16	ZD						7.5*	10	50W	
1N3306B	S		2-16	ZD						7.5*	5.0	50W	
1N3307	S		2-16	ZD						8.2*	20	50W	
1N3307A	S		2-16	ZD						8.2*	10	50W	
1N3307B	S		2-16	ZD						8.2*	5.0	50W	
1N3308	S		2-16	ZD						9.1*	20	50W	
1N3308A	S		2-16	ZD						9.1*	10	50W	
1N3308B	S		2-16	ZD						9.1*	5.0	50W	
1N3309	S		2-16	ZD						10*	20	50W	
1N3309A	S		2-16	ZD						10*	10	50W	
1N3309B	S		2-16	ZD						10*	5.0	50W	
1N3310	S		2-16	ZD						11*	20	50W	
1N3310A	S		2-16	ZD						11*	10	50W	
1N3310B	S		2-16	ZD						11*	5.0	50W	
1N3311	S		2-16	ZD						12*	20	50W	
1N3311A	S		2-16	ZD						12*	10	50W	
1N3311B	S		2-16	ZD						12*	5.0	50W	
1N3312	S		2-16	ZD						13*	20	50W	
1N3312A	S		2-16	ZD						13*	10	50W	
1N3312B	S		2-16	ZD						13*	5.0	50W	
1N3313	S		2-16	ZD						14*	20	50W	
1N3313A	S		2-16	ZD						14*	10	50W	
1N3313B	S		2-16	ZD						14*	5.0	50W	

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 μs), CS—High Conductance, High Speed Switch, MS—Medium Speed Switch, PA—Parametric Amplifier, SP—Special Purpose.

4-LAYER DIODES INDEX

1N3299-1N5160

TYPE	REPLACE- MENT	PAGE NUMBER	V _{(BR)F} (volts)		I _H (mA)		V _F @ (volts)	I _F (mA)	I _F (mA) (max)	P _D (mW)
			(min)	(max)	(min)	(max)				
1N3299	M4L40M-8	4-67	36	44	1.0	15				150
1N3300	M4L20M-8	4-67	14.4	21.6	1.0	15	1.5	30	200	400
1N3300A			16.2	19.8	1.0	15	1.5	30	200	400
1N3301	M4L20M-8	4-67	17.6	26.4	1.0	15	1.5	30	200	400
1N3301A			19.8	24.2	1.0	15	1.5	30	200	400
1N3302	M4L30M-28	4-67	21.6	32.4	5.0	20	1.5	30	200	400
1N3302A			24.3	29.7	5.0	20	1.5	30	200	400
1N3303	M4L30M-28	4-67	26.4	39.6	5.0	20	1.5	30	200	400
1N3303A			29.7	36.3	5.0	20	1.5	30	200	400
1N3304	M4L40M-28	4-67	31.2	46.8	5.0	20	1.5	30	200	400
1N3304A			35.1	42.9	5.0	20	1.5	30	200	400
1N3489	M4L20-3	4-67	16	24	1.0	6.0				150
1N3489A			16	24	1.0	6.0				150
1N3490			16	24	14	45				150
1N3771						4.0	1.2			
1N3772	M4L20A	4-67				50	1.2			
1N3831	M4L20-8	4-67	16	24	0.5	15	1.2	15	150	150
1N3832	M4L30-8	4-67	21	29	0.5	15	1.2	15	150	150
1N3833	M4L30-8	4-67	26	34	0.5	15	1.2	15	150	150
1N3834	M4L40-8	4-67	31	39	0.5	15	1.2	15	150	150
1N3835	M4L40-8	4-67	36	44	0.5	15	1.2	15	150	150
1N3836	M4L50-8	4-67	41	49	0.5	15	1.2	15	150	150
1N3837	M4L50-8	4-67	46	54	0.5	15	1.2	15	150	150
1N3838			90	110	0.5	15	1.2	15	150	150
1N3839	M4L20M-28	4-67	16	24	14	50	1.2	50	150	150
1N3840	M4L30M-28	4-67	21	29	14	50	1.2	50	150	150
1N3841	M4L30M-28	4-67	26	34	14	50	1.2	50	150	150
1N3842	M4L40-28	4-67	31	39	14	50	1.2	50	150	150
1N3843	M4L40-28	4-67	36	44	14	50	1.2	50	150	150
1N3844	M4L50-28	4-67	41	49	14	50	1.2	50	150	150
1N3845	M4L50-28	4-67	46	54	14	50	1.2	50	150	150
1N3846			90	110	14	50	1.2	50	150	150
1N3935	M4L20M-28	4-67		30		30				
1N3936	M4L20M-8	4-67		20		8.0				
1N3937				100		3.5				
1N5158		4-70	8.0	10	1.0	20	1.5	150	150	150
1N5159		4-70	9.0	11	1.0	20	1.5	150	150	150
1N5160		4-70	10	12	1.0	20	1.5	150	150	150