

Switching Diodes

Computer Diodes (Glass Package)

Device No.	Package No.	V_{RRM}	I_R	V_R	V_F		I_F	C	t_{rr}	Test Cond.	Process No.
		(V) Min	(nA) Max	@ (V)	Min	Max	@ (mA)	(pF) Max	(ns) Max		
1N914	DO-35	100	25 5000	20 75		1	10	4	4	(Note 2)	D3
1N914A	DO-35	100	25 5000	20 75		1	20	4	4	(Note 2)	D3
1N914B	DO-35	100	25 5000	20 75	0.62	0.72 1	5 100	4	4	(Note 2)	D3
1N916	DO-35	100	25 5000	20 75		1	10	2	4	(Note 2)	D3
1N916A	DO-35	100	25 5000	20 75		1	20	2	4	(Note 2)	D3
1N916B	DO-35	100	25 5000	20 75	0.63	0.73 1	5 30	2	4	(Note 2)	D3
1N3064	DO-35	75	100	50	0.505 0.55 0.61	0.575 0.65 0.71 1	0.25 1 2 10	2	4	(Note 1)	D3
1N4148	DO-35	100	25 5000	20 75		1	10	4	4	(Note 2)	D3
1N4149	DO-35	100	25 5000	20 75		1	10	2	4	(Note 2)	D3
1N4150	DO-35	75	100	50	0.54 0.66 0.76 0.82 0.87	0.62 0.74 0.86 0.92 1	1 10 50 100 200	2.5	4	(Note 4)	1R
1N4151	DO-35	75	50	50		1	50	2	4	(Note 1)	D4
1N4152	DO-35	40	50	30	0.49 0.53 0.59 0.62 0.7 0.74	0.55 0.59 0.67 0.7 0.81 0.88	0.1 0.25 1 2 10 20	2	2	(Note 2)	D4
1N4153	DO-35	75	50	50	0.49 0.53 0.59 0.62 0.7 0.74	0.55 0.59 0.67 0.7 0.81 0.88	0.1 0.25 1 2 10 20	2	2	(Note 2)	D4
1N4154	DO-35	35	100	25		1	30	4	4	(Note 2)	D4

2

Computer Diodes (Glass Package) (continued)

Device No.	Package No.	V _{RRM} (V) Min	I _R (nA) @ V _R (V)		V _F (V) @ I _F (mA)			C (pF) Max	t _{rr} (ns) Max	Test Cond.	Process No.
			Max		Min	Max					
1N4244	DO-7	20	100 250	10 15		1	20	0.8	0.75	(Note 1)	1S
1N4305	DO-35	75	100	50	0.505 0.55 0.61 0.7	0.575 0.65 0.71 0.85	0.25 1 2 10	2	2 4	(Note 2) (Note 1)	D3
1N4446	DO-35	100	25	20		1	20	4	4	(Note 2)	D3
1N4447	DO-35	100	25	20		1	20	4	4	(Note 2)	D3
1N4448	DO-35	100	25	20		1	100	2	4	(Note 2)	D3
1N4454	DO-35	75	100	50		1	10	2	4	(Note 1)	D3
1N5282	DO-35	80	100	55	0.45 0.55 0.67 0.8 0.92 1.05	0.49 0.6 0.725 0.9 1.1 1.3	0.1 1 10 100 300 500	2.5	2 4	(Note 2) (Note 4)	1R
FD700	DO-7	30	50	20	0.42 0.52 0.64 0.76 0.81 0.89	0.5 0.61 0.74 0.88 0.95 1.1	0.01 0.1 1 10 20 50	1	0.7	(Note 1)	1S
FD777	DO-7	15	100	8	0.42 0.52 0.64 0.76 0.81 0.89	0.53 0.64 0.79 0.94 1 1.35	0.01 0.1 1 10 20 50	1.3	0.75	(Note 1)	1S
FDH600	DO-35	75	100	50		0.65 0.79 0.86 0.92 1	1 10 50 100 200	2.5	4 6	(Note 1) (Note 3)	1R

TEST CONDITIONS

Note 1: I_F = I_R = 10 mA, I_{RR} = 1.0 mA, R_L = 100Ω.

Note 2: I_F = 10 mA, V_R = 6.0 V, I_{RR} = 1.0 mA, R_L = 100Ω.

Note 3: I_F = I_R = 200 mA, I_{RR} = 20 mA, R_L = 100Ω.

Note 4: I_F = I_R = 10 to 200 mA, R_L = 100Ω.