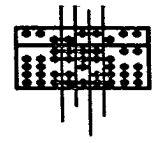


T-01-09
T-11-07
T-11-21



Silicon Diodes

JEDEC REGISTERED TEMPERATURE COMPENSATED VOLTAGE REFERENCE DIODES (DO-7 Package)

Voltage Volts	Current mA	Temperature Coefficient				
		.01%	.005%	.002%	.001%	.0005%
6.2	7.5	1N821*	1N823*	1N825*	1N827*	1N829*
6.2	7.5	1N3500	1N3496	1N3497	1N3498	1N3499
6.4	0.5	1N4565	1N4566	1N4567	1N4568	1N4569
6.4	1.0	1N4570	1N4571	1N4572	1N4573	1N4574
6.4	2.0	1N4575	1N4576	1N4577	1N4578	1N4579
6.4	4.0	1N4580	1N4581	1N4582	1N4583	1N4584
6.5	7.5	1N3780	1N3781	1N3782	1N3783	1N3784
6.6	2.0	-	1N4611	1N4611A	1N4611B	1N4611C
6.6	5.0	-	1N4612	1N4612A	1N4612B	1N4612C
6.6	10.0	-	1N4613	1N4613A	1N4613B	1N4613C
8.4	10.0	1N3154	1N3155	1N3156	1N3157	-
8.5	0.5	1N4775	1N4776	1N4777	1N4778	1N4779
8.5	1.0	1N4780	1N4781	1N4782	1N4783	1N4784
9.0	7.5	1N935	1N936	1N937	1N938	1N939
9.1	0.5	1N4765	1N4766	1N4767	1N4768	1N4769
9.1	1.0	1N4770	1N4771	1N4772	1N4773	1N4774
11.7	7.5	1N941	1N942	1N943	1N944	1N945
12.8	0.5	1N4896	1N4897	1N4898	1N4899	-
12.8	1.0	1N4900	1N4901	1N4902	1N4903	-
12.8	2.0	1N4904	1N4905	1N4906	1N4907	-
12.8	4.0	1N4908	1N4909	1N4910	1N4911	-
12.8	7.5	1N4912	1N4913	1N4914	1N4915	-
19.2	0.5	1N4916	1N4917	1N4918	-	-
19.2	1.0	1N4919	1N4920	1N4921	-	-
19.2	2.0	1N4922	1N4923	1N4924	-	-
19.2	4.0	1N4925	1N4926	1N4927	1N4928	-
19.2	7.5	1N4929	1N4930	1N4931	1N4932	-

* Available in JAN JAN - TX, JAN - TXV

Assemblies of above in 1/4" D plastic, axial lead tubes to 200V, 1N4057 thru 1N4085 Series

ULTRA - LOW LEAKAGE (DO-7 Package)

Type	Peak Reverse Voltage PRV @ 5 Ua	Maximum Reverse Current I _R @ V _R		Reverse Voltage, V _R
		I _R @ V _R		
		25°C	150°C	
	volt	pico - amp	nano - amp	volt
C-3141	40	10	10	20
C-3142	75	50	50	50
C-3143	100	100	100	75
C-3144	150	500	500	125

SHARP KNEE/LOW DYNAMIC IMPEDANCE/LOW VOLTAGE/LOW NOISE AVALANCHE REGULATOR DIODES (DO-7 Package)

V _Z Volts	I _Z mA	Z _T Ohms	Ultra Low Noise LNA Series	General Purpose Low Noise GLA Series	JEDEC Series
2.8	20	50	LNA - 328	GLA - 28	-
3.1	20	30	LNA - 331	GLA - 31	-
3.5	20	20	LNA - 335	GLA - 35	-
3.9	20	15	LNA - 339	GLA - 39	-
4.3	20	12	LNA - 343	GLA - 43	1N6082
4.7	10	10	LNA - 347	GLA - 47	1N6083
5.1	5	10	LNA - 351	GLA - 51	1N6084
5.6	1	40	LNA - 356	GLA - 56	1N6085
6.2	1	40	LNA - 362	GLA - 62	1N6086
6.8	1	50	LNA - 368	GLA - 68	1N6087
7.5	1	50	LNA - 375	GLA - 75	1N6088
8.2	1	75	LNA - 382	GLA - 82	1N6089
9.1	1	75	LNA - 391	GLA - 91	1N6090
10.0	1	75	LNA - 3100	GLA - 100	1N6091

CODI will also supply any of these diodes tested to a specific customer print, including selection to tighter tolerances, matched sets, and extended burn-in, X-ray or visual testing for improved reliability.

CURRENT REGULATOR DIODES

A CRD is a diode which supplies constant current to an electronic circuit, even when power supply voltage fluctuations or load impedance fluctuations occur. A CRD is used for current stabilization and current limiting.

Standard Line

- DO-35 Package • High Source Impedance
- Standard Tolerance = ± 10%
- Constant Current Over Wide Voltage Range

Type	I _P mA Nom.	V _L V Max.	Z _T MΩ Min.	Z _K MΩ Min.
1N5283	0.22	1.00	25.0	2.750
1N5284	0.24	1.00	19.0	2.350
1N5285	0.27	1.00	14.0	1.950
1N5286	0.30	1.00	9.0	1.600
1N5287	0.33	1.00	6.6	1.350
1N5288	0.39	1.05	4.10	1.000
1N5289	0.43	1.05	3.30	0.870
1N5290	0.47	1.05	2.70	0.750
1N5291	0.56	1.10	1.90	0.560
1N5292	0.62	1.13	1.55	0.470
1N5293	0.68	1.15	1.35	0.400
1N5294	0.75	1.20	1.15	0.335
1N5295	0.82	1.25	1.00	0.290
1N5296	0.91	1.29	0.880	0.240
1N5297	1.00	1.35	0.800	0.205
1N5298	1.10	1.40	0.700	0.180
1N5299	1.20	1.45	0.640	0.155
1N5300	1.30	1.50	0.580	0.135
1N5301	1.40	1.55	0.540	0.115
1N5302	1.50	1.60	0.510	0.105
1N5303	1.60	1.65	0.475	0.092
1N5304	1.80	1.75	0.420	0.074
1N5305	2.00	1.85	0.395	0.061
1N5306	2.20	1.95	0.370	0.052
1N5307	2.40	2.00	0.345	0.044
1N5308	2.70	2.15	0.320	0.035
1N5309	3.00	2.25	0.300	0.029
1N5310	3.30	2.35	0.280	0.024
1N5311	3.60	2.50	0.265	0.020
1N5312	3.90	2.60	0.255	0.017
1N5313	4.30	2.75	0.245	0.014
1N5314	4.70	2.90	0.235	0.012

JAN/TX 1N5518 - 1N5530 REGULATOR DIODES

JAN and JAN - TX to MIL - S - 19500/437

- 400mW
- Low Noise
- Low Dynamic Impedance
- Low Reverse Leakage
- Tight Regulation
- DO-7 Package
- Applications
- High Stability Regulators
- Wave Shaping
- Comparator References
- Low Ripple Series Regulators
- OP Amp Regulators
- Feedback Clamps

JEDEC Type	Zener Voltage ± 5% (Vdc)	Test Current (mA)
	Nom. V _Z @ I _{st}	I _{st}
1N5518B	3.3	20
1N5519B	3.6	20
1N5520B	3.9	20
1N5521B	4.3	20
1N5522B	4.7	10
1N5523B	5.1	5.0
1N5524B	5.6	3.0
1N5525B	6.2	1.0
1N5526B	6.8	1.0
1N5527B	7.5	1.0
1N5528B	8.2	1.0
1N5529B	9.1	1.0
1N5530B	10.0	1.0

HIGH SPEED SWITCHING DIODES

Features:

- High reliability (0.2 Fit)
- High speed (trr 2nSec. Typ.)
- Small size (DO-35)
- Glass sealed (Hermetic)

Application:

- High speed switching

JEDEC Types

- 1N914
- 1N4148
- 1N4151
- 1N4154
- 1N4448
- 1N4449
- 1N4454