

**CURRENT LIMITER
FIELD EFFECT DIODES
1N5283 - 1N5314**

PART NUMBER	REGULATOR CURRENT Ip (mA) @ Vs = 25V			MIN REGULATOR IMPEDANCE Zs @ Vs = 25 V (M OHM)	MIN KNEE IMPEDANCE Zk @ Vk = 6V (M OHM)	MAX LIMITING VOLTAGE VL @ IL = 0.8 Ip (VOLTS)
	NOM	MIN	MAX			
◆1N5283	0.22	0.198	0.242	25.00	2.750	1.00
◆1N5284	0.24	0.216	0.264	19.00	2.350	1.00
◆1N5285	0.27	0.243	0.297	14.00	1.950	1.00
◆1N5286	0.30	0.270	0.330	9.00	1.600	1.00
◆1N5287	0.33	0.297	0.363	6.60	1.350	1.00
◆1N5288	0.39	0.351	0.429	4.10	1.000	1.05
◆1N5289	0.43	0.387	0.473	3.30	0.870	1.05
◆1N5290	0.47	0.423	0.517	2.70	0.750	1.05
◆1N5291	0.56	0.504	0.616	1.90	0.560	1.10
◆1N5292	0.62	0.558	0.682	1.55	0.470	1.13
◆1N5293	0.68	0.612	0.748	1.35	0.400	1.15
◆1N5294	0.75	0.675	0.825	1.15	0.335	1.20
◆1N5295	0.82	0.738	0.902	1.00	0.290	1.25
◆1N5296	0.91	0.819	1.001	0.88	0.240	1.29
◆1N5297	1.00	0.900	1.100	0.80	0.205	1.35
◆1N5298	1.10	0.990	1.210	0.70	0.180	1.40
◆1N5299	1.20	1.080	1.320	0.640	0.155	1.45
◆1N5300	1.30	1.170	1.430	0.580	0.135	1.50
◆1N5301	1.40	1.260	1.540	0.540	0.115	1.55
◆1N5302	1.50	1.350	1.650	0.510	0.105	1.60
◆1N5303	1.60	1.440	1.760	0.475	0.092	1.65
◆1N5304	1.80	1.620	1.980	0.420	0.074	1.75
◆1N5305	2.00	1.800	2.200	0.395	0.061	1.85
◆1N5306	2.20	1.980	2.420	0.370	0.052	1.95
◆1N5307	2.40	2.160	2.640	0.345	0.044	2.00
◆1N5308	2.70	2.430	2.970	0.320	0.035	2.15
◆1N5309	3.00	2.700	3.300	0.300	0.029	2.25
◆1N5310	3.30	2.970	3.630	0.280	0.024	2.35
◆1N5311	3.60	3.240	3.960	0.265	0.020	2.50
◆1N5312	3.90	3.510	4.290	0.255	0.017	2.60
◆1N5313	4.30	3.870	4.730	0.245	0.014	2.75
◆1N5314	4.70	4.230	5.170	0.235	0.012	2.90

Package Style	DO-7
DC Power Dissipation	500 mW
Peak Operating Voltage	100 V
Operating Temperature (Topr)	-55 to + 175°C
Storage Temperature (Tstg)	-55 to + 175° C
◆ Available in JAN, JANTX and JANTXV	
HIGHER REGULATOR CURRENT TYPES AVAILABLE (>5.17 mA)	