

SOLITRON DEVICES INC

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PRODUCT CATALOG



Devices, Inc

LOW POWER FIELD EFFECT TRANSISTORS

FIELD EFFECT CURRENT REGULATORS

Type No.	Regulator Current I_{PP} (mA) @ $V_{AK} = 25$ V			Min Small Signal Resistance $V_{AK} = 25$ V r_{ak} (M Ω)	Min Knee Resistance $V_{AK} = 6$ V r_{ak} (M Ω)	Max Limiting Voltage $I_A = 0.8 I_P$ V_{AK1} (Volts)
	Nom	Min	Max			
IN5283	0.22	0.198	0.242	25.0	2.75	1.00
IN5284	0.24	0.216	0.264	19.0	2.35	1.00
IN5285	0.27	0.243	0.297	14.0	1.95	1.00
IN5286	0.30	0.270	0.330	9.0	1.60	1.00
IN5287	0.33	0.297	0.363	6.60	1.35	1.00
IN5288	0.39	0.351	0.429	4.10	1.00	1.05
IN5289	0.43	0.387	0.473	3.30	0.870	1.05
IN5290	0.47	0.423	0.517	2.70	0.750	1.05
IN5291	0.56	0.504	0.616	1.90	0.560	1.10
IN5292	0.62	0.558	0.682	1.55	0.470	1.13
IN5293	0.68	0.612	0.748	1.35	0.400	1.15
IN5294	0.75	0.675	0.825	1.15	0.335	1.20
IN5295	0.82	0.738	0.902	1.00	0.290	1.25
IN5296	0.91	0.819	1.001	0.800	0.240	1.29
IN5297	1.00	0.900	1.10	0.800	0.205	1.35
IN5298	1.10	0.990	1.21	0.700	0.180	1.40
IN5299	1.20	1.08	1.32	0.640	0.155	1.45
IN5300	1.30	1.17	1.43	0.580	0.135	1.50
IN5301	1.40	1.26	1.54	0.540	0.115	1.55
IN5302	1.50	1.35	1.65	0.510	0.105	1.60
IN5303	1.60	1.44	1.76	0.475	0.092	1.65
IN5304	1.80	1.62	1.98	0.420	0.074	1.75
IN5305	2.00	1.80	2.20	0.395	0.061	1.85
IN5306	2.20	1.98	2.42	0.370	0.052	1.95
IN5307	2.40	2.16	2.64	0.345	0.044	2.00
IN5308	2.70	2.43	2.97	0.320	0.035	2.15
IN5309	3.00	2.70	3.30	0.300	0.029	2.25
IN5310	3.30	2.97	3.63	0.280	0.024	2.35
IN5311	3.60	3.24	3.96	0.265	0.020	2.50
IN5312	3.90	3.51	4.29	0.255	0.017	2.60
IN5313	4.30	3.87	4.73	0.245	0.014	2.75
IN5314	4.70	4.23	5.17	0.235	0.012	2.90

Notes: Devices supplied in DO-7 package. Use "E" prefix for TO-92 2-lead. "M" for TO-18 2-lead QPL pending.