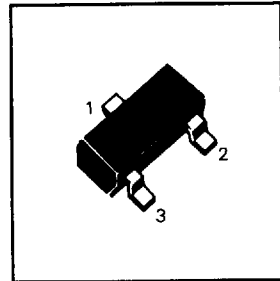


SOT23 SILICON VOLTAGE REGULATOR DIODES

**FMMZ5232
to FMMZ5257**



ABSOLUTE MAXIMUM RATINGS

PARAMETER	SYMBOL	VALUE	UNIT
Voltage Range	V_Z	5.6 to 33	V
Nominal Tolerance	C^*	$\pm 5\%$	%
Forward Current	I_F	250	mA
Power Dissipation at $T_{amb} = 25^\circ C$	P_{TOT}	330	mW
Operating and Storage Temperature Range	$t_j:tstg$	-55 to +150	$^\circ C$

* As per Pro-Electron coding system.

ELECTRICAL CHARACTERISTICS (at $T_{amb} = 25^\circ C$)

Type No.	Nominal Zener Voltage $V_Z @ I_{ZT}$ V	Test Current I_{ZT} mA	Max. Zener impedance		Max. Reverse leakage current			Max. Zener voltage temperature coefficient $V_Z (\%/^\circ C)$
			$Z_{ZT} @ I_{ZT}$ Ω	$Z_{ZT} @ I_{ZK} = 0.25mA$ Ω	I_R μA	@ A	V_R V B	
FMMZ5232	5.6	20	11	1600	5	2.9	3	+0.038
FMMZ5233	6	20	7	1600	5	3.3	3.5	+0.038
FMMZ5234	6.2	20	7	1000	5	3.8	4	+0.045
FMMZ5235	6.8	20	5	750	3	4.8	5	+0.050
FMMZ5236	7.5	20	6	500	3	5.7	6	+0.058
FMMZ5237	8.2	20	8	500	3	6.2	6.5	+0.062
FMMZ5238	8.7	20	8	600	3	6.2	6.5	+0.065
FMMZ5239	9.1	20	10	600	3	6.7	7	+0.068
FMMZ5240	10	20	17	600	3	7.6	8	+0.075
FMMZ5241	11	20	22	600	2	8	8.4	+0.076
FMMZ5242	12	20	30	600	1	8.7	9.1	+0.077
FMMZ5243	13	9.5	13	600	0.5	9.4	9.9	+0.079
FMMZ5244	14	9	15	600	0.1	9.5	10	+0.082
FMMZ5245	15	8.5	16	600	0.1	10.5	11	+0.082
FMMZ5246	16	7.8	17	600	0.1	11.4	12	+0.083
FMMZ5247	17	7.4	19	600	0.1	12.4	13	+0.084
FMMZ5248	18	7	21	600	0.1	13.3	14	+0.085
FMMZ5249	19	6.6	23	600	0.1	13.3	14	+0.086
FMMZ5250	20	6.2	25	600	0.1	14.3	15	+0.086
FMMZ5251	22	5.6	29	600	0.1	16.2	17	+0.087
FMMZ5252	24	5.2	33	600	0.1	17.1	18	+0.088
FMMZ5253	25	5	35	600	0.1	18.1	19	+0.089
FMMZ5254	27	4.6	41	600	0.1	20	21	+0.090
FMMZ5255	28	4.5	44	600	0.1	20	21	+0.091
FMMZ5256	30	4.2	49	600	0.1	22	23	+0.091
FMMZ5257	33	3.8	58	700	0.1	24	25	+0.092

$V_F = 1.1V$ max. @ $I_F = 200mA$ for all types.

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