

# 任意の値の基準電圧の作り方

作りたい電圧の素子を用いる

ELECTRICAL CHARACTERISTICS* @ 25°C							
JEDEC TYPE NO.  (NOTE1)	NOMINAL ZENER VOLTAGE $V_Z @ I_{ZT}$ (NOTE 2)	ZENER TEST CURRENT $I_{ZT}$	MAXIMUM ZENER IMPEDANCE $Z_{ZT} @ I_{ZT}$ (NOTE 3)	MAXIMUM REVERSE CURRENT $I_R$ @ $V_R = 1$ VOLT		MAXIMUM ZENER CURRENT $I_{ZM}$ (NOTE 4)	TYPICAL TEMP COEFF. OF ZENER VOLTAGE $\alpha_{VZ}$
	VOLTS	mA	OHMS	@25°C	@+150°C	mA	%/°C
				μA	μA		
1N4370	2.4	20	30	100	200	150	-.085
1N4371	2.7	20	30	75	150	135	-.080
1N4372	3.0	20	29	50	100	120	-.075
1N746	3.3	20	28	10	30	110	-.066
1N747	3.6	20	24	10	30	100	-.058
1N748	3.9	20	23	10	30	95	-.046
1N749	4.3	20	22	2	30	85	-.033
1N750	4.7	20	19	2	30	75	-.015
1N751	5.1	20	17	1	20	70	+/- .010
1N752	5.6	20	11	1	20	65	+.030
1N753	6.2	20	7	.1	20	60	+.049
1N754	6.8	20	5	.1	20	55	+.053
1N755	7.5	20	6	.1	20	50	+.057
1N756	8.2	20	8	.1	20	45	+.060
1N757	9.1	20	10	.1	20	40	+.061
1N758	10.0	20	17	.1	20	35	+.062
1N759	12.0	20	30	.1	20	30	+.062

[https://www.microsemi.com/document-portal/doc\\_view/10928-sa5-7-datasheet](https://www.microsemi.com/document-portal/doc_view/10928-sa5-7-datasheet)