



ダイオード・サイリスタ

DIODES &amp; THYRISTORS

## ■定電圧ダイオード ZENER DIODES

TYPE			ZENER VOLTAGE			
			V (NOM.)	@ I <sub>Z</sub> = mA		
LOW NOISE	500mW	1W		LOW NOISE	500mW	1W
-	WZ-032	-	3.2	-	10	-
-	WZ-036	-	3.6	-	10	-
-	WZ-040	-	4.0	-	10	-
-	WZ-046	-	4.6	-	10	-
-	WZ-050	BZ-050	5.0	-	10	30
EZ-055	WZ-054	BZ-054	5.4	0.5	10	30
EZ-062	WZ-061	BZ-061	6.1	0.5	10	30
EZ-065	WZ-065	BZ-065	6.5	0.5	10	30
EZ-070	WZ-071	BZ-071	7.1	0.5	10	30
EZ-075	WZ-075	BZ-075	7.5	0.5	10	30
EZ-081	WZ-081	BZ-081	8.1	0.5	10	30
EZ-085	WZ-085	BZ-085	8.5	0.5	10	30
EZ-091	WZ-090	BZ-090	9.1	0.5	10	30
EZ-095	WZ-094	BZ-094	9.4	0.5	10	30
EZ-099	WZ-100	BZ-100	10.0	0.5	5	30
EZ-109	WZ-110	BZ-110	11.0	0.5	5	20
EZ-119	WZ-120	BZ-120	12.0	0.5	5	20
EZ-129	WZ-130	BZ-130	13.0	0.5	5	20
EZ-141	WZ-140	BZ-140	14.0	0.5	5	20
EZ-148	WZ-150	BZ-150	15.0	0.5	5	20
EZ-161	WZ-162	BZ-162	16.2	0.5	5	20
EZ-179	WZ-177	BZ-177	17.7	0.5	5	20
EZ-193	WZ-192	BZ-192	19.2	0.5	5	20
EZ-214	WZ-210	BZ-210	21.0	0.5	5	10
EZ-228	WZ-230	BZ-230	23.0	0.5	5	10
EZ-242	WZ-240	BZ-240	24.0	0.5	5	10
EZ-259	WZ-260	BZ-260	26.0	0.5	5	10
EZ-269	WZ-270	BZ-270	27.0	0.5	5	10
EZ-289	WZ-290	BZ-290	29.0	0.5	5	10
EZ-309	WZ-310	BZ-310	31.0	0.5	5	10
EZ-329	WZ-330	BZ-330	33.0	0.5	5	10
EZ-350	WZ-350	BZ-350	35.0	0.5	5	10

## ■可変容量ダイオード VARIABLE CAPACITANCE DIODES

TYPE	C (pF) @ 1MHz	C <sub>RATIO</sub> MIN.	Q MIN.
FM-Radio AFC			
1S2139-A	4~8 @ 4V	-	100@ 4V,50MHz
1S2139-B	6~12 @ 4V	-	100@ 4V,50MHz
1S2139-C	10~16 @ 4V	-	100@ 4V,50MHz
1S2686	4~14 @ 10V	-	40@ 10V,50MHz
1S2687	8~18 @ 10V	-	40@ 10V,50MHz
1S2688	14~26 @ 10V	-	40@ 10V,50MHz
1S2689	22~38 @ 10V	-	40@ 10V,50MHz
FM AFC			
1SV71	8~32 @ 1V	2~2.4 @ 1V/10V	50@ 1V,50MHz
1SV72	16~40 @ 1V	2~2.4 @ 1V/10V	50@ 1V,50MHz
1SV73	28~60 @ 1V	2~2.4 @ 1V/10V	50@ 1V,50MHz
1SV74	44~88 @ 1V	2~2.4 @ 1V/10V	50@ 1V,50MHz
UHF-TV AFT			
1S1922	3~8 @ 4V	-	100@ 4V,100MHz
1S1923	6~12 @ 4V	-	100@ 4V,100MHz
1S1924	9~16 @ 4V	-	100@ 4V,100MHz
1S2339	3.3~5.5 @ 10V	2.8 @ 2V/10V	100@ 6V,100MHz

## ■UHFミキサ・ダイオード(SBD) UHF MIXER DIODES

TYPE	I <sub>F</sub> (mA MIN.)	V <sub>F</sub> (V MAX.)	C (pF Max.)	NF (dB MAX.)
1S1925	6 @ 0.5V	-	1 @ 0.5V, 1MHz	12
1S1926	-	0.45 @ 10mA	1.2 @ 0.5V, 1MHz	11.5

## ■切換用ダイオード BAND SWITCHING DIODES

TYPE	V <sub>F</sub> (V MAX.)	I <sub>R</sub> (μA MAX.)	C (pF MAX.)	r <sub>s</sub> (Ω MAX.)
1S2588	1V@100mA	0.1μA@15V	2 pF@15V	0.6Ω
1SS91-G	1V@100mA	0.1μA@15V	1.1pF@15V	0.8Ω @10mA 100MHz
1SS91-S	1V@100mA	0.1μA@15V	1.6pF@15V	0.5Ω

## ■ET用ダイオード ELECTRONIC TUNING DIODES

TYPE	V <sub>R</sub> (V MAX.)	C (pF Typ.) @ 1MHz	C <sub>RATIO</sub> (Typ.)	Q (MIN.)	r <sub>s</sub> (Ω Typ.)
FM-tuning					
1SV53	30	30pF @ 3V	C3V/C30V 2.6	200@3V,50MHz	-
1SV54	15	30pF @ 3V	C3V/C9V 2.5	200@3V,50MHz	-
FM-tuning twin type					
1SV104	30	40pF @ 3V	C3V/C30V 2.6	200@3V,50MHz	-

## ■D/A CONVERTERS

TYPE	DESCRIPTION	NONLINEARITY	SETTLING TIME	POWER SUPPLY RANGE
DAC-08A	8-BIT high speed multilying D/A	±0.1% MAX	135 ns MAX	±4.5 to ±18 (V)

## ■Pゲートプレーナ形サイリスタ P-GATE PLANER THYRISTORS

TYPE	V <sub>RXM</sub>	I <sub>o</sub> (MAX.)	I <sub>FXM</sub> (MAX.)	V <sub>FM</sub> (MAX.)	I <sub>GT</sub> (MAX.)	V <sub>GT</sub> (Typ.)	V <sub>GT</sub> (MIN.)	I <sub>HX</sub> (Typ.)	R <sub>th-C</sub>
SP4002	200V	200mA	5μA	2V	200μA	0.6V	0.2V@100°C	2mA	250°C/W
SP4004	400V	200mA	5μA	2V	200μA	0.6V	0.2V@100°C	2mA	250°C/W