

# DIODE SERIES

## ■検波・ミキサ用ショットキーバリアダイオード Schottky barrier diodes for detectors & mixers

Application	Package Code	Type No.	Ratings			Characteristics					Status
			V <sub>R</sub> (V)	I <sub>o</sub> (mA)	I <sub>F</sub> (mA)	V <sub>F</sub> (V)	C (pF)	V <sub>R</sub> (V)	f (MHz)		
Detector switching	DO-35	1SS106	10	30	4.5	1.0	1.5	1	1	○★	
		1SS108	30	15	3	1.0	3.0	1	1	○★	
	MHD	1SS198	10	30	4.5	1.0	1.5	1	1	○★	
		1SS199	30	15	3	1.0	3.0	1	1	○★	
		1SS286	25	35	[10]	[10]	1.2	0	1	○★	
SRP	HSR101	30	35	[0.7]	[10]	1.5	0	1	○★		
Mixer	DO-35	1SS86	3	30	8	0.5	0.85	0.5	1	○★	
		1SS88	10	15	[0.6]	[10]	0.97	0	1	○★	
	MHD	1SS185	10	15	[0.6]	[10]	1.0	0	1	○★	
		1SS174	3	30	35	0.5	1.2	0.5	1	△★	
	URP	HSU88	10	15	[0.58]	[10]	0.8	0	1	○☆	
		HSU276	3	30	35	0.5	0.85	0.5	1	○☆	
	UFP	HSC276	3	30	35	0.5	0.85	0.5	1	○☆	
			10	15	[0.58]	[10]	0.85	0	1	○☆	
	MPAK		HSM88AS	10	15	[0.58]	[10]	0.85	0	1	○☆
			HSM88ASR	10	15	[0.58]	[10]	0.85	0	1	○☆
			HSM88WA	10	15	[0.58]	[10]	0.85	0	1	○☆
			HSM88WK	10	15	[0.58]	[10]	0.85	0	1	○☆
			HSM198S	10	30	4.5	1.0	1.5	1	1	○☆
			HSM198SR	10	30	4.5	1.0	1.5	1	1	△☆
			HSM276S	3	30	35	0.5	0.9	0.5	1	○☆
	HSM276SR	3	30	35	0.5	0.9	0.5	1	○☆		
	MOP	HSB88WS	10	15	[0.6]	[10]	0.85	0	1	○☆	

## ■小信号ダイオード Small signal diodes

Application	Package Code	Type No.	Ratings				Characteristics							Status	
			V <sub>R</sub> (V)	I <sub>o</sub> (mA)	I <sub>FSM</sub> (A)	P <sub>d</sub> (mW)	V <sub>F</sub> (V)	I <sub>F</sub> (mA)	t <sub>rr</sub> (ns)	C (pF)	V <sub>R</sub> (V)	f (MHz)			
High Speed switching	DO-41	1SS172	100	700	10	—	0.76	100	20	10	20	0	1	△★	
	DO-35	*1S1146	35	100	—	—	—	—	—	—	—	—	—	—	※★
		*1S2074 (H)	45	150	0.6	250	0.8	10	4.0	10	3.0	1	1	○★	
		*1S2075 (K)	30	100	0.6	250	0.8	10	8.0	10	3.5	1	1	○★	
		1S2076	30	150	1	250	0.8	10	8.0	10	3.0	1	1	○★	
		1S2076A	60	150	1	250	0.8	10	8.0	10	3.0	1	1	○★	
		1SS84	70	150	1	250	0.8	10	50	10	5.0	1	1	○★	
		1SS118	50	200	4	500	1.0	100	3.0	10	3.5	0	1	○★	
	MHD	1SS119	30	150	1	250	0.8	10	3.5	10	3.0	1	1	○★	
		1SS120	60	150	1	250	0.8	10	3.5	10	3.0	1	1	○★	
		1SS270	30	150	1	—	0.8	10	3.5	10	3.0	1	1	○★	
		1SS270A	60	150	1	—	0.8	10	3.5	10	3.0	1	1	○★	
	LLD	HSS104	35	110	0.4	300	1.2	100	3.0	10	3.0	0.5	1	○★	
			60	150	4	—	0.8	10	3.0	10	3.0	0	1	○☆	
	MPAK		HSM123	80	100	4	—	1.2	100	3.0	10	4.0	0	1	○☆
			HSM124S	80	100	4	—	1.2	100	100	10	4.0	0	1	○☆
			HSM221C	80	100	4	—	1.2	100	3.0	10	2.0	0	1	○☆
			HSM223C	80	100	4	—	1.2	100	3.0	10	2.0	0	1	○☆
			HSM2836C	80	100	4	—	1.2	100	20	10	4.0	0	1	○☆
			HSM2838C	80	100	4	—	1.2	100	3.0	10	2.0	0	1	○☆
	URP	HSU119	80	100	4	—	1.2	100	3.0	10	2.0	0	1	○☆	
	CMPAK		HSB123	80	100	4	—	1.2	100	3.0	10	4.0	0	1	△☆
			HSB124S-J	80	100	4	—	1.2	100	100	10	4.0	0	1	△☆
HSB2836			80	100	4	—	1.2	100	20	10	4.0	0	1	○☆	
HSB2838	80	100	4	—	1.2	100	3.0	10	2.0	0	1	○☆			
High voltage switching	DO-35	1SS81	150	200	1	400	1.0	100	100	30	1.5 (typ)	0	1	○★	
		1SS82	200	200	1	400	1.0	100	100	30	1.5 (typ)	0	1	○★	
		1SS83	250	200	1	400	1.0	100	100	30	1.5 (typ)	0	1	○★	
	MHD	HSS81	150	150	1	—	1.0	100	100	30	1.5 (typ)	0	1	○★	
		HSS82	200	150	1	—	1.0	100	100	30	1.5 (typ)	0	1	○★	
		HSS83	250	150	1	—	1.0	100	100	30	1.5 (typ)	0	1	○★	
	LLD		HSK83	250	150	1	—	1.0	100	100	30	3.0	0	1	○☆
			HSK122	400	150	1	—	1.2	100	10μs	30	10	0	1	○☆
	MPAK		HSM83	250	100	2	—	1.2	100	100	30	3.0	0	1	○☆
			HSM122	400	100	1	—	1.2	100	10μs	30	10	0	1	※☆
	URP	HSU83	250	100	2	—	1.2	100	100	30	3.0	0	1	○☆	
	CMPAK	HSB83J	250	100	2	—	1.2	100	100	30	3.0	0	1	△☆	