

GENERAL PURPOSE AND SWITCHING DIODES

TYPES	MAXIMUM RATINGS		CHARACTERISTICS AT 25 °C									MARKING	PIN OUT
	V_R V_{RM}^* (V)	I_F (AV) (mA)	V_F @ I_F max (V)	I_R @ V_R max (mA)	I_R @ V_R $T_{amb} = 150 °C$ max (μA)	V_F (V)	C max (pF)	t_{rr} @ I_F max (ns)	I_F (mA)				
BAL 99	70	70	1,3	100	2500	70	50	70	1,5§	6	10	JF	
SD 914	75	100	1	10	5000	75	50	20	4	4	10	D01	
★BAS 16	75	100 (4)	1,3	100	1000	75	30	25	2	6	10	A6	
SD BAX12	90 (3)	150	1,25	400	100	90	100	90	35	50	30	DA2	
BAS 19	100	200	1	100	100	100	100	100	5	50	30	A8	
BAS 20	150	200	1	100	100	150	100	150	5	50	30	A81	
★BAS 21	200	200	1	100	100	200	100	200	5	50	30	A82	
★BAY 85	300*	100	1	100	100	240	10 (1)	240	6	40	30	D53	
★BAW 56	70	70	1,3	100	2500	70	30	25	2	6	10	A1	
BAV 74	50	70	1	100	100	50	100 (2)	50	2	2	10	JA	
★BAV 70	70	100 (4)	1,3	100	5000	70	60	25	1,5	6	10	A4	
★BAV 99	70	70	1,3	100	2500	70	30	25	1,5§	6	10	A7	
BAY 84	90 (3)	150	1,25	400	100	90	100	90	35	50	30	D49	
★BAY 85S	300*	100	1	100	100	240	10 (1)	240	6	40	30	D86	
(1) $T_{amb} = 100 °C$ (2) $T_{amb} = 125 °C$			(3) $V_{(BR)}$ a $I_R = 1 mA : 120...175 V$ (4) $t_p = 0,5 ms$				§ Typical value. ★ Preferred device.						

SWITCH DIODES

TYPES	MAXIMUM RATINGS		CHARACTERISTICS AT 25 °C						MARKING	PIN OUT		
	V_R (V)	I_F (mA)	I_R @ V_R max (nA)	V_F @ I_F max (V)	I_F (mA)	C @ V_R max (pF)	V_R (V)	r_s @ I_F max (Ω)			I_F (mA)	
BAT 18	35	100	100	20	1,2	100	1	20	0,7	5	A2	