

Low Power Signal Diodes - continued

Small Signal - continued

V_{RRM}	$I_{F(av)}$	V_F	SPAN	I_F		App'n	
150	200	1.3	ER-ROR	100	(a)	FCH	○ BAX16TR
200	200	1.2		200	(c)	FCH	○ 1S923
350	400	1.5		2	(b)	GS	○ BY206GP

■ Germanium ◆ Silicon Schottky barrier

211387

Mfrs. List No.	Mfr.	Order Code	Price Each			
			5+	25+	100+	250+
BAT41	ST	980-1421	7.00	6.00	4.00	3.00
BAT42	ST	980-1430	7.00	6.00	4.00	3.00
BAT43	ST	980-1448	7.00	6.00	4.00	3.00
BAT46	ST	980-1456	7.00	6.00	4.00	3.00
BAT47	ST	980-1464	8.00	6.00	5.00	4.00
BAT48	ST	980-1472	8.00	6.00	5.00	4.00
			5+	25+	100+	1K+
BY206GP	GS	102-1751	27.48	15.64	15.64	9.51
OA47	SEM	120-8634	95.00	82.00	73.00	38.00
OA91/05	SEM	120-8635	48.00	37.00	31.00	20.00
OA95/05	SEM	120-8636	48.00	37.00	31.00	20.00
			10+	100+	1K+	3K+
BAX16TR	FCH	107-6355	4.97	2.43	2.43	0.95
			10+	250+	1K+	5K+
1N4148	FCH	984-3680	1.27	0.85	0.85	0.53
1N4148.	MC	956-5124	1.00	1.00	1.00	1.00
			10+	100+	250+	1K+
1S921TR	FCH	105-7672	5.60	3.81	2.11	1.37
1S923	FCH	984-3825	1.00	--	--	--

High Voltage Rectifier Stacks



SOD-61

- Glass passivated for excellent stability
- Glass packages with Al-bonded chips allow use under high operating temperature conditions
- Controlled avalanche capable of absorbing transients during flash-over at high voltage output

V_{RRM} kV	V_{RRM} kV	$I_{F(av)}$ mA	t_{rr} ns	Mfrs. List No.	Typical Applications
1.5	1.8	85	200*	BY584	General
10	12	5	100	BY8410	TV
12	14	5	100	BY8412.	TV
18	22	3	100	BY8418	TV

*=typical

211263

Mfrs. List No.	Order Code	Price Each			
		5+	25+	100+	500+
BY584	367-539▲	39.00	35.00	20.00	18.00
BY8410	164-161▲	49.00	44.00	26.00	23.00
BY8412.	663-803▲	44.00	39.00	23.00	21.00
BY8418	663-815▲	40.00	36.00	32.00	24.00

Low Power, Low Leakage Diodes

Low Leakage



DO-35 L=3.8, Dia.=1.88



LL-34 L=3.5, Dia.=1.5



TO-18



TO-18

1 2 3
a case k



TO-92

V_{RRM} max V	I_F (av) max mA	V_F V @	I_F mA	Package	Mfr.	Mfrs List No.
35	10	1.5	1	TO-92	SLX	JPAD50
45	50	1.5	1	TO-18	SLX	PAD5
				DO-15 (DO-204AC)		SA24A
				DO-15 (DO-204AC)		SA30A
				DO-15 (DO-204AC)		SA12A
				DO-15 (DO-204AC)		SA5A

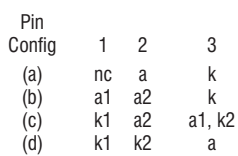
211257

Mfrs. List No.	Order Code	Price Each			
		1+	25+	100+	250+
FDH300..	367-989‡	8.00	6.00	4.00	3.00
SA5A	956-5329●	55.00	50.00	44.00	30.00
FDH333..	741-036‡	8.00	6.00	4.00	3.00
SA12A	956-5337●	57.00	55.00	49.00	31.00
FDLL300.	SMD 741-012‡	7.00	6.00	4.00	2.00

Mfrs. List No.	Order Code	Price Each			
		1+	25+	100+	250+
SA30A	956-5361●	47.00	45.00	40.00	32.00
JPAD50	105-7866●	68.00	58.00	48.00	39.00
PAD5	105-7867●	316.00	270.00	222.00	181.00
		10+	30+	100+	250+
1N3595..	368-090‡	6.00	5.00	4.00	2.00
SA24A	956-5353●	57.00	55.00	49.00	31.00

Low Power Schottky Diodes

Small Signal Schottky



Supplied on 8mm tape.

Configuration	V_{RRM} max. V	I_F (av) max. mA	V_F max. V @	I_F mA	Device Marking	Package	Pin. Config.	Mfrs. List No.
Single diode								
Single diode	25	1000	0.3	100	P1	SOT-457	(a)	1PS74SB23.
Single diode	25	200	0.2	0.1	2K	SOT-23	(a)	BAT754.
Single diode	25	200	0.3	0.1	S0	SOD-323	(a)	1PS76SB10.
Single diode	30	200	0.4	10	L4p	SOT-23	(a)	BAT54.
Single diode	30	200	0.8	1	L4	SOD-110	(a)	BAT254.
Single diode	30	200	0.4	1	L4	SOT-323	(a)	BAT54W.
Dual diode								
Common cathode	25	200	0.2	0.1	2M	SOT-23	(b)	BAT754C.
Cathode	30	200	0.4	1	43	SOT-323	(b)	BAT54CW.
Cathode	30	200	0.4	10	L43p	SOT-23	(b)	BAT54C.
In series	25	200	0.2	0.1	2N	SOT-23	(c)	BAT754S.
Anode/Cathode	30	200	0.4	1	44	SOT-323	(c)	BAT54SW.
Anode/Cathode	30	200	0.4	10	L44p	SOT-23	(c)	BAT54S.
In parallel	30	200	0.4	1	L41	SOT-143	(c)	BAT74.
Dual diode								
Anode	30	200	0.2	10	L42p	SOT-23	(d)	BAT54A.
Common anode	25	200	0.2	0.1	2L	SOT-23	(d)	BAT754A.
Common anode	25	200	0.3	10	L8	SOT-23	(d)	BAT721A.
Common cathode	25	200	0.3	10	L9	SOT-23	(b)	BAT721C.
In series	25	200	0.3	10	L0	SOT-23	(c)	BAT721S.

211203

Mfrs. List No.	Order Code	Price Each				
		5+	25+	100+	500+	+
BAT54.	SMD 437-578‡	16.00	12.00	7.00	5.00	--
1PS74SB23.	SMD 354-6962‡	37.00	29.00	24.00	20.00	--
1PS76SB10.	SMD 354-6974‡	8.00	7.00	5.00	4.00	--
BAT54A.	SMD 437-580‡	17.00	12.00	8.00	5.00	--
BAT54C.	SMD 437-591‡	17.00	12.00	8.00	5.00	--
BAT54CW.	SMD 304-9474‡	8.00	6.00	5.00	4.00	--
BAT54SW.	SMD 304-9486‡	8.00	6.00	5.00	4.00	--
BAT54S.	SMD 437-608‡	17.00	12.00	8.00	5.00	--
BAT54SW.	SMD 304-9486‡	8.00	6.00	5.00	4.00	--
BAT54W.	SMD 304-9498‡	8.00	6.00	4.00	4.00	--
BAT74.	SMD 304-9504‡	19.00	15.00	12.00	9.00	--
BAT254.	SMD 304-9450‡	16.00	13.00	10.00	7.00	--
BAT721A.	SMD 354-6998‡	26.00	21.00	18.00	14.00	--
BAT721C.	SMD 354-7000‡	26.00	21.00	18.00	14.00	--
BAT721S.	SMD 354-7012‡	26.00	21.00	18.00	14.00	--
BAT754.	SMD 354-7024‡	10.00	8.00	6.00	4.00	--
BAT754A.	SMD 354-7036‡	11.00	9.00	7.00	5.00	--
BAT754C.	SMD 354-7048‡	11.00	9.00	7.00	5.00	--
BAT754S.	SMD 354-7050‡	11.00	9.00	7.00	5.00	--

Small Signal Schottky Barrier Diodes



SOD-87



SOT-23, SOT-323



SOT-457



SOD-110



SOT-143B



SOD323

Double Diode

V_{RRM} V	I_F A	Configuration (Dual)	Case Style	Marking	Mfrs List No.
30	0.2	Common Cathode	SOT-323	43	BAT54CW
30	0.2	Common : K1 + A2	SOT-323	44	BAT54SW
30	0.2	Common Anode	SOT-23	L42/*V3	BAT54A
30	0.2	Common : K1 + A2	SOT-23	—	BAT54S
30	0.2	Common Cathode	SOT-23	L43/*W1	BAT54C
30	0.2	Common Anode	SOT-23	2L	BAT754A
30	0.2	Common Cathode	SOT-23	2M	BAT754C
30	0.2	Common : K1 + A2	SOT-23	2N	BAT754S
30	0.2	Diodes	SOT-143B	L41*	BAT74

Prices are in Thai Baht and exclude 7% VAT. Due to the volatile nature of certain products, prices are subject to change without notice.