

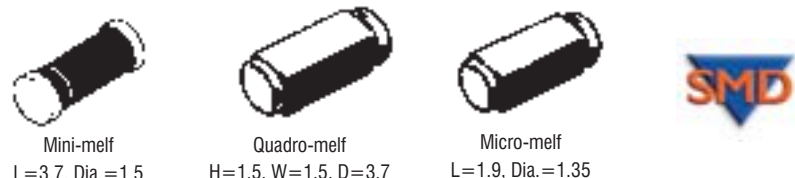
Order Multiple=10					
Mfrs List No.	Order Code	10+	30+	100+	250+
BAS116.	743-215	8.00	6.00	6.00	5.00
BAS116	115-6416	8.00	6.00	6.00	5.00
BAS16.	743-124‡	6.00	6.00	5.00	4.00
BAS16	105-6496	6.00	6.00	5.00	4.00
BAS21.	743-185‡	7.00	6.00	6.00	5.00
BAS21	105-6498	7.00	6.00	6.00	5.00
BAV199.	743-227	8.00	7.00	6.00	5.00
BAV199	115-6415	8.00	7.00	6.00	5.00
BAV70.	743-150‡	6.00	5.00	5.00	4.00
BAV70	105-6503	6.00	5.00	5.00	4.00
BAV99.	743-136‡	6.00	5.00	5.00	4.00
BAV99	105-6504	6.00	5.00	5.00	4.00
BAW56.	743-148‡	6.00	5.00	5.00	4.00
BAW56	105-6508	6.00	5.00	5.00	4.00

Mfrs List No.	Order Code	10+	30+	100+	250+	+
BAS1603W	300-7789	11.00	9.00	9.00	7.00	--
BAS28W	300-7881	32.00	28.00	26.00	22.00	--
BAS70-06S	300-7893	21.00	19.00	19.00	17.00	--
BAT165.	300-7790‡	30.00	26.00	24.00	20.00	--
BAT165	105-6502	30.00	26.00	24.00	20.00	--
BAT240A	300-9002	97.00	82.00	78.00	64.00	--
BAT60A	300-7807	56.00	48.00	45.00	37.00	--
BAT6404W.	300-7820	13.00	11.00	11.00	9.00	--
BAT6405W	300-7832	41.00	35.00	33.00	27.00	--
BAT6407W	300-7856	38.00	33.00	31.00	26.00	--
BAV70S	300-7868	22.00	18.00	17.00	14.00	--
BAV70W	300-8629	6.00	5.00	5.00	4.00	--
BAV99S.	300-7870‡	22.00	18.00	17.00	14.00	--
BAV99S	105-6506	22.00	18.00	17.00	14.00	--
BAV99W.	300-8630‡	6.00	5.00	5.00	4.00	--
BAV99W	105-6507	6.00	5.00	5.00	4.00	--

Price Per Reel, 3000 Qty

Mfrs List No.	Order Code	1+	+	+	+
BAV99	115-6418	4,522.00	--	--	--

Switching

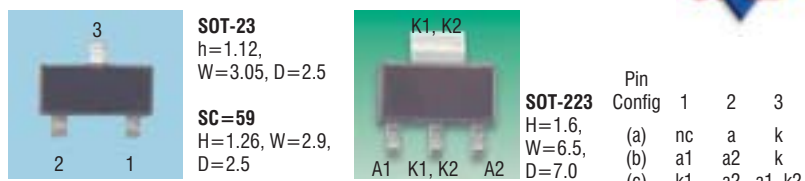


Leadless, hermetically sealed versions of the IN4148. The quadro-melf and micro-melf packages have square cross-sectional housings designed to provide stability, and greater 'pick and place' accuracy. Micro-melf has the same footprint as industry standard SOT-23/SOD-232 outlines. Supplied on 8mm tape.

V _{rm} V	V _i V	I _{sm} A	I _{rm} mA	I _f mA	I _{f(av)} mA	P _d mW	Package	Mfrs. List No.	Mfrs. List No.
100	75	2	0.45	200	150	500	MiniMELF	MC/SLX	LL4148
100	75	2	0.45	200	150	500	QUADRO-MELF	SLX	LS4148
100	75	2	0.45	0.2	0.15	500	MicroMELF	SLX	MCL4148

Mfrs. List No.	Order Code	10+	250+	1K+	2K5+
LL4148 (MC)	735-5513	6.00	4.00	2.00	2.00
LL4148 (SLX)	954-9986	1.00	1.00	1.00	1.00
LS4148	954-9994	1.00	1.00	1.00	1.00
MCL4148	955-0089	2.00	2.00	1.00	1.00
LL4148. (SLX)	739-182‡	1.00	1.00	1.00	1.00
LS4148.	739-170‡	4.00	2.00	1.00	1.00
MCL4148.	739-169‡	2.00	2.00	1.00	1.00

SOT-23 and SOT-223 High Speed Switching



Supplied on 8mm tape, except SOT-223 (12mm tape width).

Character-istic	V _{rm} V	I _{f(av)} mA	V _i V	I _f mA	Device Marking	Package	Pin Config	Mfrs. List No.
Single Diode								
High speed	75	200	1	50	A6	SOT-23	(a) ON	BAS16LT1
High Voltage	85	200	1	50	A6	SOT-23	(a) FCH/MC	BAS16
High Voltage	100	200	1	10	51	SOD-123	— ON	MMSD4148T1
High Voltage	100	200	1	10	51	SOD-123	— ON	MMSD4148T1G
Dual Diode, Common Cathode								
High speed	70	200	1	50	A4	SOT-23	(b) ON	BAV70LT1
	70	200	1	100	A4	SOT-23	(b) FCH/MC	BAV70
Dual Diode, In Series								
	70	200	1	50	A7	SOT-23	(c) FCH	BAV99
High Speed	70	215	1	50	A7	SOT-23	(c) ON	BAV99LT1
Dual Diode, Common Anode								
	70	200	1.25	150	A1	SOT-23	(d) FCH/MC	BAW56

Order Multiple=10					
Mfrs. List No.	Order Code	10+	30+	100+	250+
BAS16. (FCH)	740-998‡	6.00	5.00	3.00	2.00
BAS16 (FCH)	984-3957	6.00	5.00	3.00	2.00
BAS16 (MC)	439-9304	4.00	3.00	2.00	2.00
TBAS16 (MC)	920-7147	4.00	3.00	2.00	2.00
BAS16LT1	934-100	8.00	6.00	5.00	3.00
BAS16LT1G ()	955-8659	7.00	6.00	4.00	3.00
BAV70. (FCH)	740-986‡	7.00	6.00	4.00	3.00
BAV70 (MC)	439-9341	4.00	3.00	2.00	1.00
BAV70 (FCH)	984-3604	7.00	6.00	4.00	3.00
TBAV70 (MC)	920-7180	4.00	3.00	2.00	1.00
BAV70LT1	934-112	8.00	6.00	5.00	3.00
BAV99. (FCH)	741-000‡	7.00	6.00	4.00	3.00
BAV99 (FCH)	984-3612	7.00	6.00	4.00	3.00
BAV99LT1	934-136	8.00	6.00	5.00	3.00
BAV99LT1G (ON)	955-8667	7.00	6.00	4.00	3.00
BAW56. (FCH)	741-863‡	7.00	6.00	4.00	3.00
BAW56 (MC)	439-9353	4.00	2.00	2.00	1.00
BAW56 (FCH)	984-3620	7.00	6.00	4.00	3.00
TBAW56 (MC)	920-7198	4.00	2.00	2.00	1.00
MMSD4148T1	334-3455	11.00	8.00	7.00	4.00
MMSD4148T1G	955-6079	10.00	8.00	6.00	4.00

Reels of 3K pieces, 180mm

	1+	+	+	
BAS16. (INF)	743-264‡	6,902.00	--	--
BAV99. (INF)	743-288	4,522.00	--	--

Reels of 3K pieces, 180mm			Price Per Reel		
	Order Code	1+	+	+	
BAS16 (INF)	105-6497	6,902.00	--	--	

Small Signal



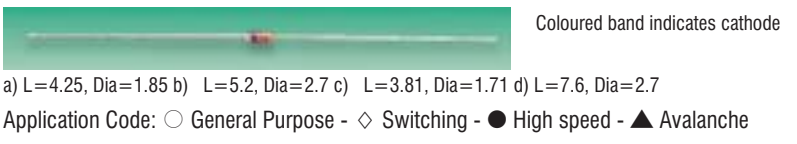
Application code key: HS=High speed

V _{rm} V	I _{f(av)} mA	V _i V	@	I _f mA	Package	App'n Code	Mfrs List No.
30	200	0.4	10	10	DO-34	HS	BAT85
40	30	0.41	1	1	DO-34	HS	BAT81
50	200	0.38	0.1	0.1	DO-34	HS	BAT86
60	30	0.41	1	1	DO-34	HS	BAT83
75	100	1.0	100	100	DO-35	HS	BAW62
75	150	1.0	10	10	DO-35	HS	1N4148
75	150	1.0	100	100	DO-35	HS	1N4448
100	75	1.0	10	10	DO-35	HS	1N914
200	250	1.2	200	200	DO-35	HS	BAV20
250	250	1.2	200	200	DO-35	HS	BAV21

◆ Schottky barrier

Mfrs. List No.	Order Code	5+	25+	100+	500+	+
BAT81	109-7297	22.00	17.00	13.00	10.00	--
BAT83	109-7298	22.00	17.00	13.00	10.00	--
BAT85	109-7299	13.00	10.00	8.00	6.00	--
BAT86	109-7300	20.00	16.00	12.00	9.00	--
BAV20	109-7302	3.00	3.00	2.00	1.00	
BAV21	109-7303	3.00	3.00	2.00	1.00	
BAW62	109-7304	4.00	4.00	3.00	2.00	
1N914	109-7296	2.00	2.00	1.00	1.00	
1N4148.	368-106‡	2.00	1.00	1.00	1.00	
1N4448	109-7294	2.00	2.00	1.00	1.00	

Small Signal



Application Code: ○ General Purpose - ◇ Switching - ● High speed - ▲ Avalanche

V _{rm} V	I _{f(av)} mA	V _i V	@	I _f mA	Package	Mfr	App'n Code	Mfrs List No.
20	350	0.44	10	(a)	ST	○		BAT47
30	100	0.4	10	(a)	ST	○		BAT42
30	100	0.45	15	(a)	ST	○		BAT43
30	110	0.45	10	(d)	SEM	○		OA47
40	350	0.4	200	(a)	ST	○		BAT48
75	200	1	10	(a)	FCH	●		1N4148.
100	150	1	10	(a)	MC	●		1N4148.
100	100	0.45	1	(a)	ST	○		BAT41
100	140	0.8	250	(d)	SEM	○		AAZ15
100	150	0.45	10	(a)	ST	○		BAT46
100	200	1.2	200	(c)	FCH	○		1S921TR
115	50	2.1	30	(d)	SEM	○		OA91/05
115	50	1.85	30	(d)	SEM	○		OA95/05