

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BAV 70S H6327	**Issued**	29. August 2013
MA#	MA000851414		
Package	PG-SOT363-6-1	**Weight***	6.30 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	arsenic	7440-38-2	0.000	0.00		25	
	noble metal	gold	7440-57-5	0.016	0.25		2487	
	inorganic material	silicon	7440-21-3	0.134	2.12	2.37	21236	23748
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		91	
	non noble metal	titanium	7440-32-6	0.003	0.05		457	
	non noble metal	chromium	7440-47-3	0.009	0.14		1373	
	non noble metal	copper	7440-50-8	2.869	45.55	45.75	455570	457491
wire	non noble metal	copper	7440-50-8	0.011	0.17	0.17	1676	1676
encapsulation	organic material	carbon black	1333-86-4	0.030	0.47		4743	
	plastics	epoxy resin	-	0.642	10.20		101975	
	inorganic material	silicondioxide	60676-86-0	2.315	36.76	47.43	367584	474302
leadfinish	non noble metal	tin	7440-31-5	0.213	3.39	3.39	33857	33857
plating	noble metal	silver	7440-22-4	0.056	0.89	0.89	8926	8926
*deviation	< 10%				Sum in total:	100,00		1000000

Important Remarks:

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