

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSD840N H6327	**Issued**	16. January 2020
MA#	MA001627316		
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_1	non noble metal	tin	7440-31-5	0.001	0.02		197	
	noble metal	gold	7440-57-5	0.005	0.08		764	
	inorganic material	silicon	7440-21-3	0.073	1.17	1.27	11657	12618
chip_2	non noble metal	tin	7440-31-5	0.001	0.02		197	
	noble metal	gold	7440-57-5	0.005	0.08		764	
	inorganic material	silicon	7440-21-3	0.073	1.17	1.27	11657	12618
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		91	
	non noble metal	titanium	7440-32-6	0.003	0.05		458	
	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	455678	457600
wire	non noble metal	copper	7440-50-8	0.010	0.16	0.16	1580	1580
encapsulation	organic material	carbon black	1333-86-4	0.030	0.47		4728	
	plastics	epoxy resin	-	0.640	10.16		101650	
	inorganic material	silicondioxide	60676-86-0	2.307	36.64	47.27	366413	472791
leadfinish	non noble metal	tin	7440-31-5	0.213	3.39	3.39	33865	33865
plating	noble metal	silver	7440-22-4	0.056	0.89	0.89	8928	8928
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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This product is in compliance with EU Directive 2015/863/EU amending Annex II to EU Directive 2011/65/EU (RoHS) and does not use any exemption

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