

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSD840N H6327	**Issued**	27. April 2022
MA#	MA005734880		
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	11655	12616
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	11655	12616
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	45.54	45.74	455612	457534
wire	non noble metal	copper	7440-50-8	0.011	0.18	0.18	1763	1763
encapsulation	organic material	carbon black	1333-86-4	0.030	0.47		4727	
	plastics	epoxy resin	-	0.640	10.16		101627	
	inorganic material	silicondioxide	60676-86-0	2.307	36.63	47.26	366331	472685
leadfinish	non noble metal	tin	7440-31-5	0.213	3.39	3.39	33860	33860
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:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
2. Infineon Technologies AG and Infineon Technologies AG suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.
3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com