



Material Content Data Sheet



Halogen-Free

Sales Product Name	SMBT 3906S H6327	Issued	01. May 2021
MA#	MA000859868		
Package	PG-SOT363-6-1	Weight*	6.28 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	non noble metal	arsenic	7440-38-2	0.000			8	
	noble metal	gold	7440-57-5	0.005	0.08		817	
	inorganic material	silicon	7440-21-3	0.044	0.70	0.78	6977	7802
chip_2	non noble metal	arsenic	7440-38-2	0.000			8	
	noble metal	gold	7440-57-5	0.005	0.08		817	
	inorganic material	silicon	7440-21-3	0.044	0.70	0.78	6977	7802
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		92	
	non noble metal	titanium	7440-32-6	0.003	0.05		458	
	non noble metal	chromium	7440-47-3	0.009	0.14		1376	
	non noble metal	copper	7440-50-8	2.869	45.66	45.86	456579	458505
wire	non noble metal	copper	7440-50-8	0.010	0.17	0.17	1659	1659
encapsulation	organic material	carbon black	1333-86-4	0.030	0.48		4814	
	plastics	epoxy resin	-	0.650	10.35		103491	
	inorganic material	silicondioxide	60676-86-0	2.344	37.30	48.13	373050	481355
leadfinish	non noble metal	tin	7440-31-5	0.213	3.39	3.39	33932	33932
plating	noble metal	silver	7440-22-4	0.056	0.89	0.89	8945	8945
*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.

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