

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSD314SPE H6327	**Issued**	18. August 2021
MA#	MA000974768		
Package	PG-SOT363-6-6	**Weight***	6.68 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.003	0.05		472	
	noble metal	gold	7440-57-5	0.012	0.18		1832	
	inorganic material	silicon	7440-21-3	0.187	2.79	3.02	27947	30251
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		99	
	non noble metal	titanium	7440-32-6	0.003	0.05		493	
	non noble metal	chromium	7440-47-3	0.010	0.15		1478	
	non noble metal	copper	7440-50-8	3.275	49.06	49.27	490695	492765
wire	non noble metal	copper	7440-50-8	0.048	0.72	0.72	7158	7158
encapsulation	organic material	carbon black	1333-86-4	0.028	0.43		4264	
	plastics	epoxy resin	-	0.612	9.17		91682	
	inorganic material	silicondioxide	60676-86-0	2.206	33.05	42.65	330482	426428
leadfinish	non noble metal	tin	7440-31-5	0.213	3.19	3.19	31944	31944
plating	noble metal	silver	7440-22-4	0.076	1.15	1.15	11454	11454
*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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