

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	BSV236SP H6327	**Issued**	01. April 2021
MA#	MA001216314		
Package	PG-SOT363-6-6	**Weight***	6.65 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	0.004	0.06		606	
	noble metal	gold	7440-57-5	0.016	0.24		2352	
	inorganic material	silicon	7440-21-3	0.177	2.67	2.97	26652	29610
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		99	
	non noble metal	titanium	7440-32-6	0.003	0.05		495	
	non noble metal	chromium	7440-47-3	0.010	0.15		1484	
	non noble metal	copper	7440-50-8	3.275	49.25	49.46	492645	494723
wire	non noble metal	copper	7440-50-8	0.012	0.18	0.18	1771	1771
encapsulation	organic material	carbon black	1333-86-4	0.029	0.43		4303	
	plastics	epoxy resin	-	0.615	9.25		92520	
	inorganic material	silicondioxide	60676-86-0	2.217	33.35	43.03	333503	430326
leadfinish	non noble metal	tin	7440-31-5	0.213	3.21	3.21	32071	32071
plating	noble metal	silver	7440-22-4	0.076	1.15	1.15	11499	11499
*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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