



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BGSC 2341ML10 E6327	<b>Issued</b>	18. August 2021
<b>MA#</b>	MA005345911		
<b>Package</b>	PG-TSLP-10-2	<b>Weight*</b>	1.45 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	0.543	37.33	37.33	373320	373320
bumps	non noble metal	copper	7440-50-8	0.012	0.86	0.86	8584	8584
leadframe	non noble metal	nickel	7440-02-0	0.104	7.16	7.16	71583	71583
encapsulation	organic material	carbon black	1333-86-4	0.004	0.26		2580	
	inorganic material	zink oxide	1314-13-2	0.008	0.52		5160	
	miscellaneous	miscellaneous	-	0.011	0.77		7739	
	plastics	epoxy resin	-	0.083	5.68		56753	
	inorganic material	silicondioxide	60676-86-0	0.645	44.35	51.58	443707	515939
leadfinish	noble metal	gold	7440-57-5	0.015	1.03	1.03	10332	10332
plating	noble metal	silver	7440-22-4	0.025	1.69	1.69	16872	16872
solder	noble metal	silver	7440-22-4	0.000	0.01		56	
	non noble metal	tin	7440-31-5	0.004	0.31	0.32	3058	3114
ubm	non noble metal	tungsten	7440-33-7	0.000			31	
	non noble metal	titanium	7440-32-6	0.000	0.01		59	
	non noble metal	copper	7440-50-8	0.000	0.02	0.03	166	256
*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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