



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BSB280N15NZ3 G	<b>Issued</b>	02. June 2021
<b>MA#</b>	MA000845558		
<b>Package</b>	MG-WDSO-2-9	<b>Weight*</b>	83.57 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	4.059	4.86	4.86	48567	48567
leadframe	non noble metal	copper	7440-50-8	74.415	89.04	89.04	890422	890422
leadfinish	non noble metal	nickel	7440-02-0	0.211	0.25		2527	
	noble metal	silver	7440-22-4	0.840	1.01	1.26	10051	12578
plating	non noble metal	nickel	7440-02-0	0.211	0.25	0.25	2527	2527
solder	non noble metal	copper	7440-50-8	0.011	0.01		131	
	noble metal	silver	7440-22-4	0.066	0.08		788	
	non noble metal	tin	7440-31-5	2.119	2.54	2.63	25350	26269
glue	plastics	acrylic resin	-	0.184	0.22		2201	
	noble metal	silver	7440-22-4	1.130	1.35	1.57	13519	15720
passivation	plastics	epoxy resin	-	0.327	0.39	0.39	3917	3917
*deviation	< 10%					Sum in total:	100.00	1000000

### Important Remarks:

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