



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	BTS4880R	<b>Issued</b>	11. August 2021
<b>MA#</b>	MA004830890		
<b>Package</b>	PG-DSO-36-26	<b>Weight*</b>	2046.27 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	16.733	0.82	0.82	8177	8177
leadframe	inorganic material	phosphorus	7723-14-0	0.383	0.02		187	
	non noble metal	zinc	7440-66-6	1.533	0.07		749	
	non noble metal	iron	7439-89-6	30.652	1.50		14979	
	non noble metal	copper	7440-50-8	1,244.598	60.83	62.42	608227	624142
wire	noble metal	gold	7440-57-5	4.143	0.20	0.20	2025	2025
encapsulation	organic material	carbon black	1333-86-4	1.443	0.07		705	
	plastics	epoxy resin	-	66.357	3.24		32428	
	inorganic material	silicondioxide	60676-86-0	653.471	31.93	35.24	319346	352479
leadfinish	non noble metal	tin	7440-31-5	16.150	0.79	0.79	7893	7893
plating	noble metal	silver	7440-22-4	0.741	0.04	0.04	362	362
solder	non noble metal	tin	7440-31-5	0.101			49	
	noble metal	silver	7440-22-4	0.151	0.01		74	
	non noble metal	lead	7439-92-1	9.819	0.48	0.49	4799	4922
*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 contains Pb according RoHS exemption 7a, Lead in high melting temperature type solders.

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