



Material Content Data Sheet



Sales Product Name		BTS4880R		Issued		20. July 2018		
MA#		MA000679030						
Package		PG-DSO-36-26		Weight*		2062.50 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	0.81	0.81	8113	8113
leadframe	inorganic material	phosphorus	7723-14-0	0.371	0.02		180	
	non noble metal	zinc	7440-66-6	1.486	0.07		720	
	non noble metal	iron	7439-89-6	29.714	1.44		14407	
wire	non noble metal	copper	7440-50-8	1206.504	58.49	60.02	584970	600277
	noble metal	gold	7440-57-5	4.142	0.20	0.20	2008	2008
	encapsulation	organic material	carbon black	1333-86-4	1.554	0.08		754
encapsulation	plastics	epoxy resin	-	71.493	3.47		34663	
	inorganic material	silicondioxide	60676-86-0	704.053	34.14	37.69	341358	376775
leadfinish	non noble metal	tin	7440-31-5	15.232	0.74	0.74	7385	7385
plating	noble metal	silver	7440-22-4	1.204	0.06	0.06	584	584
solder	noble metal	silver	7440-22-4	0.150	0.01		73	
	non noble metal	tin	7440-31-5	0.100	0.00		49	
	non noble metal	lead	7439-92-1	9.767	0.47	0.48	4736	4858
*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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