



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	XDPS21081	<b>Issued</b>	11. August 2021
<b>MA#</b>	MA005418078		
<b>Package</b>	PG-DSO-12-20	<b>Weight*</b>	155.72 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	inorganic material	silicon	7440-21-3	1.566	1.01	1.01	10058	10058
chip_2	inorganic material	silicon	7440-21-3	0.223	0.14	0.14	1433	1433
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		111	
	non noble metal	zinc	7440-66-6	0.069	0.04		445	
	non noble metal	iron	7439-89-6	1.386	0.89		8902	
	non noble metal	copper	7440-50-8	56.286	36.15	37.09	361463	370921
wire	noble metal	gold	7440-57-5	0.221	0.14	0.14	1420	1420
encapsulation	organic material	carbon black	1333-86-4	0.281	0.18		1805	
	plastics	epoxy resin	-	9.090	5.84		58374	
	inorganic material	silicondioxide	60676-86-0	84.339	54.17	60.19	541616	601795
leadfinish	non noble metal	tin	7440-31-5	1.143	0.73	0.73	7338	7338
plating	noble metal	silver	7440-22-4	0.428	0.28	0.28	2752	2752
glue	plastics	acrylic resin	-	0.147	0.09		942	
	noble metal	silver	7440-22-4	0.520	0.33	0.42	3341	4283
*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 does not use any exemption.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com