



Material Content Data Sheet



Halogen-Free

Sales Product Name	AUIPS2052GTR	Issued	27. April 2022
MA#	MA005723250		
Package	PG-DSO-8-906	Weight*	85.29 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	0.777	0.91	0.91	9110	9110
chip_2	inorganic material	silicon	7440-21-3	0.777	0.91	0.91	9110	9110
leadframe	inorganic material	phosphorus	7723-14-0	0.011	0.01		123	
	non noble metal	zinc	7440-66-6	0.042	0.05		494	
	non noble metal	iron	7439-89-6	0.842	0.99		9871	
	non noble metal	copper	7440-50-8	34.182	40.08	41.13	400788	411276
wire	noble metal	gold	7440-57-5	0.273	0.32	0.32	3200	3200
encapsulation	organic material	carbon black	1333-86-4	0.232	0.27		2720	
	plastics	epoxy resin	-	6.263	7.34		73435	
	inorganic material	silicondioxide	60676-86-0	39.898	46.79	54.40	467810	543965
leadfinish	non noble metal	tin	7440-31-5	0.939	1.10	1.10	11013	11013
plating	noble metal	silver	7440-22-4	0.290	0.34	0.34	3405	3405
glue	plastics	epoxy resin	-	0.228	0.27		2676	
	noble metal	silver	7440-22-4	0.533	0.62	0.89	6245	8921
*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