



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	AUIRFR8405TRL	<b>Issued</b>	14. February 2022
<b>MA#</b>	MA005636014		
<b>Package</b>	PG-TO252-3-31	<b>Weight*</b>	328.57 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	5.060	1.54	1.54	15399	15399
leadframe	non noble metal	tin	7440-31-5	0.283	0.09		860	
	non noble metal	copper	7440-50-8	188.109	57.25	57.34	572513	573373
wire	non noble metal	aluminium	7429-90-5	4.619	1.41	1.41	14058	14058
encapsulation	inorganic material	zinc oxide	1314-13-2	1.245	0.38		3788	
	miscellaneous	miscellaneous	-	6.223	1.89		18938	
	plastics	epoxy resin	-	18.668	5.68		56815	
	inorganic material	silicon dioxide	60676-86-0	98.316	29.92	37.87	299225	378766
lead finish	non noble metal	tin	7440-31-5	1.533	0.47	0.47	4666	4666
plating	non noble metal	nickel	7440-02-0	0.569	0.17	0.17	1732	1732
solder	non noble metal	tin	7440-31-5	0.079	0.02		240	
	noble metal	silver	7440-22-4	0.099	0.03		300	
	non noble metal	lead	7439-92-1	3.767	1.15	1.20	11466	12006
*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 to RoHS exemption 7a, Lead in high melting temperature type solders.

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