



Material Content Data Sheet



Halogen-Free

Sales Product Name	AUIRFR8401TRL	Issued	14. February 2022
MA#	MA005635971		
Package	PG-TO252-3-31	Weight*	326.73 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	2.337	0.72	0.72	7151	7151
leadframe	non noble metal	tin	7440-31-5	0.283	0.09		865	
	non noble metal	copper	7440-50-8	188.109	57.58	57.67	575738	576603
wire	non noble metal	aluminium	7429-90-5	4.566	1.40	1.40	13976	13976
encapsulation	inorganic material	zinc oxide	1314-13-2	1.270	0.39		3888	
	miscellaneous	miscellaneous	-	6.351	1.94		19439	
	plastics	epoxy resin	-	19.054	5.83		58317	
	inorganic material	silicon dioxide	60676-86-0	100.350	30.71	38.87	307137	388781
lead finish	non noble metal	tin	7440-31-5	1.533	0.47	0.47	4692	4692
plating	non noble metal	nickel	7440-02-0	0.569	0.17	0.17	1742	1742
solder	non noble metal	tin	7440-31-5	0.046	0.01		141	
	noble metal	silver	7440-22-4	0.058	0.02		176	
	non noble metal	lead	7439-92-1	2.202	0.67	0.70	6738	7055
*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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