

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	AUIR3242STR	**Issued**	27. April 2022
MA#	MA005724052		
Package	PG-DSO-8-907	**Weight***	83.10 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	1.841	2.22	2.22	22155	22155
leadframe	inorganic material	phosphorus	7723-14-0	0.010	0.01		117	
	non noble metal	zinc	7440-66-6	0.039	0.05		468	
	non noble metal	iron	7439-89-6	0.779	0.94		9369	
	non noble metal	copper	7440-50-8	31.615	38.04	39.04	380439	390393
wire	noble metal	gold	7440-57-5	0.223	0.27	0.27	2688	2688
encapsulation	organic material	carbon black	1333-86-4	0.234	0.28		2820	
	plastics	epoxy resin	-	6.328	7.61		76143	
	inorganic material	silicondioxide	60676-86-0	40.309	48.50	56.39	485061	564024
leadfinish	non noble metal	tin	7440-31-5	0.939	1.13	1.13	11303	11303
plating	noble metal	silver	7440-22-4	0.171	0.21	0.21	2061	2061
glue	plastics	epoxy resin	-	0.184	0.22		2213	
	noble metal	silver	7440-22-4	0.429	0.52	0.74	5163	7376
*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.
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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.

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