

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	AUIPS71451GTR	**Issued**	27. April 2022
MA#	MA005724058		
Package	PG-DSO-8-906	**Weight***	85.59 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	2.001	2.34	2.34	23377	23377
leadframe	inorganic material	phosphorus	7723-14-0	0.011	0.01		123	
	non noble metal	zinc	7440-66-6	0.042	0.05		492	
	non noble metal	iron	7439-89-6	0.842	0.98		9836	
	non noble metal	copper	7440-50-8	34.182	39.94	40.98	399391	409842
wire	noble metal	gold	7440-57-5	0.577	0.67	0.67	6739	6739
encapsulation	organic material	carbon black	1333-86-4	0.230	0.27		2691	
	plastics	epoxy resin	-	6.218	7.26		72650	
	inorganic material	silicondioxide	60676-86-0	39.610	46.28	53.81	462810	538151
leadfinish	non noble metal	tin	7440-31-5	0.939	1.10	1.10	10974	10974
plating	noble metal	silver	7440-22-4	0.290	0.34	0.34	3393	3393
glue	plastics	epoxy resin	-	0.193	0.23		2257	
	noble metal	silver	7440-22-4	0.451	0.53	0.76	5267	7524
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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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