

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ICE5GR2280AG	**Issued**	28. April 2021
MA#	MA001994414		
Package	PG-DSO-12-21	**Weight***	154.62 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	1.247	0.81	0.81	8068	8068
leadframe	inorganic material	phosphorus	7723-14-0	0.017	0.01		112	
	non noble metal	zinc	7440-66-6	0.069	0.04		448	
	non noble metal	iron	7439-89-6	1.386	0.90		8965	
	non noble metal	copper	7440-50-8	56.286	36.40	37.35	364030	373555
wire	noble metal	palladium	7440-05-3	0.001			6	
	non noble metal	copper	7440-50-8	0.085	0.06	0.06	553	559
encapsulation	organic material	carbon black	1333-86-4	0.280	0.18		1809	
	plastics	epoxy resin	-	10.911	7.06		70564	
	inorganic material	silicondioxide	60676-86-0	82.062	53.06	60.30	530738	603111
leadfinish	non noble metal	tin	7440-31-5	1.143	0.74	0.74	7390	7390
plating	noble metal	silver	7440-22-4	0.428	0.28	0.28	2771	2771
glue	plastics	epoxy resin	-	0.105	0.07		682	
	noble metal	silver	7440-22-4	0.597	0.39	0.46	3864	4546
*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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