



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	IGW15T120	<b>Issued</b>	12. August 2021
<b>MA#</b>	MA005617501		
<b>Package</b>	PG-TO247-3-41	<b>Weight*</b>	6048.66 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	6.201	0.10	0.10	1025	1025
leadframe	inorganic material	phosphorus	7723-14-0	0.159			26	
	non noble metal	iron	7439-89-6	0.530	0.01		88	
	non noble metal	copper	7440-50-8	529.068	8.75	8.76	87469	87583
wire	non noble metal	aluminium	7429-90-5	5.153	0.09	0.09	852	852
encapsulation	organic material	carbon black	1333-86-4	20.009	0.33		3308	
	plastics	epoxy resin	-	380.165	6.29		62851	
	inorganic material	silicondioxide	60676-86-0	1,600.696	26.46	33.08	264636	330795
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5270	5270
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4805	4805
solder	non noble metal	antimony	7440-36-0	0.326	0.01		54	
	noble metal	silver	7440-22-4	0.815	0.01		135	
	non noble metal	tin	7440-31-5	2.118	0.04	0.06	350	539
heatspreader	inorganic material	phosphorus	7723-14-0	1.033	0.02		171	
	non noble metal	iron	7439-89-6	3.442	0.06		569	
	non noble metal	copper	7440-50-8	3,438.006	56.82	56.90	568391	569131
*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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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 does not use any exemption.

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