

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	IGW30N60H3	**Issued**	12. September 2019
MA#	MA005401072		
Package	PG-TO247-3-41	**Weight***	6047.30 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	3.012	0.05	0.05	498	498
leadframe	inorganic material	phosphorus	7723-14-0	0.159	0.00		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	87488	87602
wire	non noble metal	aluminium	7429-90-5	5.254	0.09	0.09	869	869
encapsulation	organic material	carbon black	1333-86-4	20.037	0.33		3313	
	plastics	epoxy resin	-	380.702	6.30		62954	
	inorganic material	silicondioxide	60676-86-0	1602.957	26.51	33.14	265070	331337
leadfinish	non noble metal	tin	7440-31-5	31.874	0.53	0.53	5271	5271
plating	non noble metal	nickel	7440-02-0	29.065	0.48	0.48	4806	4806
solder	non noble metal	antimony	7440-36-0	0.216	0.00		36	
	noble metal	silver	7440-22-4	0.540	0.01		89	
	non noble metal	tin	7440-31-5	1.405	0.02	0.03	232	357
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	3438.006	56.84	56.92	568520	569260
*deviation	< 10%				Sum in total:	100.00		1000000

Important Remarks:

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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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