



## Material Content Data Sheet



Halogen-Free

Sales Product Name	IDV30E65D2	Issued	02. June 2021
MA#	MA001458596		
Package	PG-TO220-2-23	Weight*	2153.44 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	1.287	0.06	0.06	598	598
leadframe	inorganic material	phosphorus	7723-14-0	0.306	0.01		142	
	non noble metal	iron	7439-89-6	1.021	0.05		474	
	non noble metal	copper	7440-50-8	1,020.042	47.37	47.43	473680	474296
wire	non noble metal	aluminium	7429-90-5	7.235	0.34	0.34	3360	3360
encapsulation	organic material	carbon black	1333-86-4	2.237	0.10		1039	
	plastics	epoxy resin	-	209.888	9.75		97466	
	inorganic material	silicondioxide	60676-86-0	904.026	41.98	51.83	419806	518311
leadfinish	non noble metal	tin	7440-31-5	5.465	0.25	0.25	2538	2538
plating	non noble metal	nickel	7440-02-0	0.787	0.04	0.04	365	365
solder	non noble metal	antimony	7440-36-0	0.115	0.01		53	
	noble metal	silver	7440-22-4	0.287	0.01		133	
	non noble metal	tin	7440-31-5	0.745	0.03	0.05	346	532
*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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