

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	CDM10VD-4	**Issued**	08. February 2022
MA#	MA005619899		
Package	PG-SOT23-6-1	**Weight***	18.49 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	0.215	1.16	1.16	11610	11610
leadframe	inorganic material	phosphorus	7723-14-0	0.002	0.01		118	
	non noble metal	zinc	7440-66-6	0.009	0.05		473	
	non noble metal	iron	7439-89-6	0.175	0.95		9454	
	non noble metal	copper	7440-50-8	7.097	38.39	39.40	383879	393924
wire	noble metal	gold	7440-57-5	0.061	0.33	0.33	3288	3288
encapsulation	organic material	carbon black	1333-86-4	0.020	0.11		1093	
	plastics	epoxy resin	-	1.546	8.36		83642	
	inorganic material	silicondioxide	60676-86-0	8.540	46.20	54.67	461947	546682
leadfinish	non noble metal	tin	7440-31-5	0.465	2.51	2.51	25142	25142
plating	noble metal	silver	7440-22-4	0.167	0.90	0.90	9037	9037
glue	plastics	acrylic resin	-	0.042	0.23		2270	
	noble metal	silver	7440-22-4	0.149	0.80	1.03	8047	10317
*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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