

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	ISP25DP06LM	**Issued**	23. January 2020
MA#	MA005416280		
Package	PG-SOT223-4-21	**Weight***	113.66 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	non noble metal	tin	7440-31-5	0.013	0.01		119	
	noble metal	gold	7440-57-5	0.052	0.05		460	
	inorganic material	silicon	7440-21-3	0.798	0.70	0.76	7023	7602
leadframe	inorganic material	silicon	7440-21-3	0.010	0.01		89	
	non noble metal	titanium	7440-32-6	0.051	0.04		446	
	non noble metal	chromium	7440-47-3	0.152	0.13		1338	
	non noble metal	copper	7440-50-8	50.489	44.43	44.61	444227	446100
wire	non noble metal	copper	7440-50-8	0.099	0.09	0.09	869	869
encapsulation	organic material	carbon black	1333-86-4	0.600	0.53		5280	
	plastics	epoxy resin	-	9.002	7.92		79205	
	inorganic material	silicondioxide	60676-86-0	50.412	44.35	52.80	443549	528034
leadfinish	non noble metal	tin	7440-31-5	1.464	1.29	1.29	12881	12881
plating	noble metal	silver	7440-22-4	0.513	0.45	0.45	4514	4514
*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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