



Material Content Data Sheet



Halogen-Free

Sales Product Name	ISP1XEP10LM	Issued	08. February 2022
MA#	MA005421423		
Package	PG-SOT223-4-21	Weight*	113.60 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	0.009	0.01		84	
	noble metal	gold	7440-57-5	0.037	0.03		324	
	inorganic material	silicon	7440-21-3	0.562	0.49	0.53	4945	5353
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		1339	
	non noble metal	copper	7440-50-8	50.489	44.44	44.62	444435	446309
wire	non noble metal	copper	7440-50-8	0.102	0.09	0.09	898	898
encapsulation	organic material	carbon black	1333-86-4	0.602	0.53		5300	
	plastics	epoxy resin	-	9.032	7.95		79506	
	inorganic material	silicondioxide	60676-86-0	50.580	44.54	53.02	445231	530037
leadfinish	non noble metal	tin	7440-31-5	1.464	1.29	1.29	12887	12887
plating	noble metal	silver	7440-22-4	0.513	0.45	0.45	4516	4516
*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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