



Material Content Data Sheet



Halogen-Free

Sales Product Name	ISP15EP15LM	Issued	06. February 2022
MA#	MA005350786		
Package	PG-SOT223-4-21	Weight*	114.42 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	0.068	0.06		595	
	noble metal	gold	7440-57-5	0.264	0.23		2308	
	inorganic material	silicon	7440-21-3	4.029	3.52	3.81	35209	38112
leadframe	inorganic material	silicon	7440-21-3	0.010	0.01		89	
	non noble metal	titanium	7440-32-6	0.051	0.04		443	
	non noble metal	chromium	7440-47-3	0.152	0.13		1329	
	non noble metal	copper	7440-50-8	50.489	44.13	44.31	441270	443131
wire	non noble metal	copper	7440-50-8	0.098	0.09	0.09	856	856
encapsulation	organic material	carbon black	1333-86-4	0.573	0.50		5006	
	plastics	epoxy resin	-	8.592	7.51		75093	
	inorganic material	silicondioxide	60676-86-0	48.115	42.05	50.06	420523	500622
leadfinish	non noble metal	tin	7440-31-5	1.464	1.28	1.28	12795	12795
plating	noble metal	silver	7440-22-4	0.513	0.45	0.45	4484	4484
*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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