

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAB-C167SR-LM HA+	**Issued**	04. April 2021
MA#	MA001510280		
Package	PG-MQFP-144-11	**Weight***	4194.31 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	25.986	0.62	0.62	6195	6195
leadframe	non noble metal	magnesium	7439-95-4	0.976	0.02		233	
	inorganic material	silicon	7440-21-3	4.227	0.10		1008	
	non noble metal	nickel	7440-02-0	19.510	0.47		4652	
	non noble metal	copper	7440-50-8	625.625	14.92	15.51	149160	155053
wire	noble metal	gold	7440-57-5	3.226	0.08	0.08	769	769
encapsulation	organic material	carbon black	1333-86-4	10.440	0.25		2489	
	plastics	epoxy resin	-	441.946	10.54		105368	
	inorganic material	silicondioxide	60676-86-0	3,027.503	72.18	82.97	721811	829668
leadfinish	non noble metal	tin	7440-31-5	19.066	0.45	0.45	4546	4546
plating	noble metal	silver	7440-22-4	10.582	0.25	0.25	2523	2523
glue	plastics	acrylic resin	-	1.045	0.02		249	
	noble metal	silver	7440-22-4	4.180	0.10	0.12	997	1246
*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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3. All statements are based on our present knowledge, are provided 'as is' and may be subject to change at any time due to technical requirements and development without notification.

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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