

Material Content Data Sheet

RoHS | Halogen-Free

Sales Product Name	SAK-C167CS-L33M CA+	**Issued**	25. June 2021
MA#	MA005560289		
Package	PG-MQFP-144-8	**Weight***	4198.47 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	36.251	0.86	0.86	8634	8634
leadframe	non noble metal	magnesium	7439-95-4	0.976	0.02		232	
	inorganic material	silicon	7440-21-3	4.227	0.10		1007	
	non noble metal	nickel	7440-02-0	19.510	0.46		4647	
	non noble metal	copper	7440-50-8	625.625	14.90	15.48	149013	154899
wire	noble metal	gold	7440-57-5	5.612	0.13	0.13	1337	1337
encapsulation	organic material	carbon black	1333-86-4	10.410	0.25		2480	
	plastics	epoxy resin	-	440.706	10.50		104968	
	inorganic material	silicondioxide	60676-86-0	3,019.012	71.93	82.68	719075	826523
leadfinish	non noble metal	tin	7440-31-5	19.066	0.45	0.45	4541	4541
plating	noble metal	silver	7440-22-4	10.582	0.25	0.25	2521	2521
glue	plastics	acrylic resin	-	1.297	0.03		309	
	noble metal	silver	7440-22-4	5.190	0.12	0.15	1236	1545
*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.

Company	Infineon Technologies AG
Address	81726 Neubiberg
Internet	www.infineon.com