



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	ESD144-B1-W0201 E6327	<b>Issued</b>	10. May 2021
<b>MA#</b>	MA001618830		
<b>Package</b>	SG-WLL-2-3	<b>Weight*</b>	0.07 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	0.063	95.90	95.90	958907	958907
pad	non noble metal	copper	7440-50-8	0.000			15	
	noble metal	gold	7440-57-5	0.000	0.07		716	
	non noble metal	aluminium	7429-90-5	0.000	0.23		2317	
	noble metal	palladium	7440-05-3	0.000	0.45		4481	
	inorganic material	nickel phosphorus	-	0.002	3.02	3.77	30226	37755
passivation	inorganic material	silicon dioxide	60676-86-0	0.000	0.16		1600	
	inorganic material	silicon nitride	12033-89-5	0.000	0.17	0.33	1738	3338
*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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