



## Material Content Data Sheet



Halogen-Free

<b>Sales Product Name</b>	ESD128-B1-W0201 E6327	<b>Issued</b>	10. May 2021
<b>MA#</b>	MA001431248		
<b>Package</b>	SG-WLL-2-1	<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	93.83	93.83	938269	938269
pad	inorganic material	silicon	7440-21-3	0.000			15	
	non noble metal	copper	7440-50-8	0.000			30	
	inorganic material	phosphorus	7723-14-0	0.000	0.08		850	
	non noble metal	aluminium	7429-90-5	0.000	0.34		3415	
	noble metal	palladium	7440-05-3	0.000	0.56		5578	
	noble metal	gold	7440-57-5	0.001	0.90		8979	
	non noble metal	nickel	7440-02-0	0.003	4.10	5.98	40955	59822
passivation	inorganic material	silicon dioxide	60676-86-0	0.000	0.07		686	
	inorganic material	silicon nitride	12033-89-5	0.000	0.12	0.19	1223	1909
*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.

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