



Material Content Data Sheet



Sales Product Name	ESD24VS2U E6327	Issued	01. May 2021
MA#	MA000763500		
Package	PG-SOT23-3-3	Weight*	8.70 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_1	non noble metal	tin	7440-31-5	0.001	0.02		165	
	noble metal	gold	7440-57-5	0.006	0.06		639	
	inorganic material	silicon	7440-21-3	0.068	0.78	0.86	7801	8605
chip_2	non noble metal	tin	7440-31-5	0.001	0.02		165	
	noble metal	gold	7440-57-5	0.006	0.06		639	
	inorganic material	silicon	7440-21-3	0.068	0.78	0.86	7801	8605
leadframe	non noble metal	nickel	7440-02-0	1.142	13.14		131353	
	non noble metal	iron	7439-89-6	1.578	18.14	31.28	181392	312745
wire	noble metal	gold	7440-57-5	0.015	0.17	0.17	1747	1747
encapsulation	organic material	carbon black	1333-86-4	0.089	1.02		10221	
	inorganic material	antimonytrioxide	1309-64-4	0.133	1.53		15331	
	plastics	brominated resin	-	0.167	1.92		19164	
	plastics	epoxy resin	-	1.389	15.97		159700	
	inorganic material	silicondioxide	60676-86-0	3.778	43.44	63.88	434382	638798
leadfinish	non noble metal	tin	7440-31-5	0.150	1.72	1.72	17206	17206
plating	noble metal	silver	7440-22-4	0.107	1.23	1.23	12294	12294
*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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