



Material Content Data Sheet



Sales Product Name	ESD5V5U5ULC E6327	Issued	06. May 2021
MA#	MA001319608		
Package	PG-SC74-6-2	Weight*	12.21 mg

Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip_01	non noble metal	tin	7440-31-5	0.000			29	
	noble metal	gold	7440-57-5	0.001	0.01		111	
	inorganic material	silicon	7440-21-3	0.011	0.09	0.10	898	1038
chip_02	non noble metal	tin	7440-31-5	0.000			29	
	noble metal	gold	7440-57-5	0.001	0.01		111	
	inorganic material	silicon	7440-21-3	0.011	0.09	0.10	898	1038
chip_03	non noble metal	tin	7440-31-5	0.000			29	
	noble metal	gold	7440-57-5	0.001	0.01		111	
	inorganic material	silicon	7440-21-3	0.011	0.09	0.10	898	1038
chip_04	non noble metal	tin	7440-31-5	0.000			29	
	noble metal	gold	7440-57-5	0.001	0.01		111	
	inorganic material	silicon	7440-21-3	0.011	0.09	0.10	898	1038
chip_05	non noble metal	tin	7440-31-5	0.000			29	
	noble metal	gold	7440-57-5	0.001	0.01		111	
	inorganic material	silicon	7440-21-3	0.011	0.09	0.10	898	1038
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		76	
	non noble metal	titanium	7440-32-6	0.005	0.04		381	
	non noble metal	chromium	7440-47-3	0.014	0.11		1142	
	non noble metal	copper	7440-50-8	4.627	37.91	38.07	379101	380700
wire	noble metal	gold	7440-57-5	0.040	0.33	0.33	3317	3317
encapsulation	organic material	carbon black	1333-86-4	0.056	0.46		4617	
	plastics	brominated resin	-	0.070	0.58		5771	
	inorganic material	antimonytrioxide	1309-64-4	0.141	1.15		11541	
	plastics	epoxy resin	-	1.493	12.23		122337	
	inorganic material	silicondioxide	60676-86-0	5.282	43.31	57.73	432798	577064
leadfinish	non noble metal	tin	7440-31-5	0.299	2.45	2.45	24534	24534
plating	noble metal	silver	7440-22-4	0.112	0.92	0.92	9195	9195
*deviation	< 10%	Sum in total:				100.00		1000000

Important Remarks:

- 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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