



Material Content Data Sheet



Halogen-Free

Sales Product Name	ESD5V3U2U-03F H6327	Issued	29. June 2021
MA#	MA001293348		
Package	PG-TSFP-3-1	Weight*	1.44 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	0.000	0.02		243	
	noble metal	gold	7440-57-5	0.001	0.09		941	
	inorganic material	silicon	7440-21-3	0.011	0.74	0.85	7384	8568
chip_2	non noble metal	tin	7440-31-5	0.000	0.02		243	
	noble metal	gold	7440-57-5	0.001	0.09		941	
	inorganic material	silicon	7440-21-3	0.011	0.74	0.85	7384	8568
leadframe	inorganic material	silicon	7440-21-3	0.000	0.01		80	
	non noble metal	titanium	7440-32-6	0.001	0.04		399	
	non noble metal	chromium	7440-47-3	0.002	0.12		1196	
	non noble metal	copper	7440-50-8	0.570	39.70	39.87	396993	398668
wire	noble metal	gold	7440-57-5	0.005	0.35	0.35	3518	3518
encapsulation	organic material	carbon black	1333-86-4	0.008	0.54		5400	
	plastics	epoxy resin	-	0.167	11.61		116109	
	inorganic material	silicondioxide	60676-86-0	0.601	41.87	54.02	418530	540039
leadfinish	non noble metal	tin	7440-31-5	0.033	2.33	2.33	23302	23302
plating	noble metal	silver	7440-22-4	0.025	1.73	1.73	17337	17337
*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.

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