



Material Content Data Sheet



Sales Product Name				TVS3V3L4U E6327		Issued		10. August 2018	
MA#				MA001319630					
Package				PG-SC74-6-2		Weight*		12.28 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	0.01		67		
	noble metal	gold	7440-57-5	0.003	0.03		261		
	inorganic material	silicon	7440-21-3	0.026	0.21	0.25	2117	2445	
chip_2	non noble metal	tin	7440-31-5	0.001	0.01		67		
	noble metal	gold	7440-57-5	0.003	0.03		261		
	inorganic material	silicon	7440-21-3	0.026	0.21	0.25	2117	2445	
chip_3	non noble metal	tin	7440-31-5	0.001	0.01		67		
	noble metal	gold	7440-57-5	0.003	0.03		261		
	inorganic material	silicon	7440-21-3	0.026	0.21	0.25	2117	2445	
chip_4	non noble metal	tin	7440-31-5	0.001	0.01		67		
	noble metal	gold	7440-57-5	0.003	0.03		261		
	inorganic material	silicon	7440-21-3	0.026	0.21	0.25	2117	2445	
leadframe	inorganic material	silicon	7440-21-3	0.001	0.01		76		
	non noble metal	titanium	7440-32-6	0.005	0.04		378		
	non noble metal	chromium	7440-47-3	0.014	0.11		1135		
	non noble metal	copper	7440-50-8	4.627	37.67	37.83	376699	378288	
wire	noble metal	gold	7440-57-5	0.109	0.88	0.88	8850	8850	
encapsulation	organic material	carbon black	1333-86-4	0.056	0.46		4556		
	plastics	brominated resin	-	0.070	0.57		5696		
	inorganic material	antimonytrioxide	1309-64-4	0.140	1.14		11391		
	plastics	epoxy resin	-	1.483	12.07		120748		
	inorganic material	silicondioxide	60676-86-0	5.247	42.70	56.94	427175	569566	
leadfinish	non noble metal	tin	7440-31-5	0.299	2.44	2.44	24379	24379	
plating	noble metal	silver	7440-22-4	0.112	0.91	0.91	9137	9137	
*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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