



Material Content Data Sheet



Sales Product Name	TVS3V3L4U E6327	Issued	06. May 2021
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

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