

# Material Declaration Form

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Ordering Code	Package Family	Assembly Material Number	Lead Count	Weight (mg)	Manufacturing Country	Halogen Free	EU RoHS	China RoHS	Release Status	Version
TSL3301CL	LA	300380003	8	65.52	Korea	YES	YES	YES		1

Homogenous Material	Weight (mg)	Symbol	Chemical Substance	Input Ratio (%)	CAS Number	Unit Weight (mg)	Unit Weight (%)	Amount (ppm)
Substrate	41.75	Au	Gold	0.50	7440-57-5	0.20875	0.31861	3186
		Cu	Copper	57.00	7440-50-8	23.79750	36.32097	363210
		Ni	Nickel	2.00	7440-02-0	0.83500	1.27442	12744
		SiO2	Silicon Dioxide	23.00	7631-86-9	9.60250	14.65583	146558
			Bismaleimide Triazine	3.50	35325-39-4	1.46125	2.23024	22302
			Epoxy Resin	14.00	25928-94-3	5.84500	8.92094	89209
	<b>Subtotal:</b>			<b>100.00</b>		<b>41.75000</b>	<b>63.72100</b>	<b>637210</b>
Adhesive	0.35	Ag	Silver	85.00	7440-22-4	0.29750	0.45406	4541
			Epoxy Resin	15.00	25928-94-3	0.05250	0.08013	801
		<b>Subtotal:</b>		<b>100.00</b>		<b>0.35000</b>	<b>0.53419</b>	<b>5342</b>
IC	1.32	Si	Silicon	100.00	7440-21-3	1.32000	2.01465	20147
	<b>Subtotal:</b>			<b>100.00</b>		<b>1.32000</b>	<b>2.01465</b>	<b>20147</b>
Wire	0.25	Au	Gold	100.00	7440-57-5	0.25000	0.38156	3816
	<b>Subtotal:</b>			<b>100.00</b>		<b>0.25000</b>	<b>0.38156</b>	<b>3816</b>
Moldcompound	21.85		2,6-Ditert.butyl-4-Methyl	1.00	128-37-0	0.21850	0.33349	3335
			Epoxy Resin	99.00	25068-38-6	21.63150	33.01511	330151
		<b>Subtotal:</b>		<b>100.00</b>		<b>21.85000</b>	<b>33.34860</b>	<b>333486</b>
<b>Total:</b>	<b>65.52</b>					<b>65.52</b>	<b>100.00000</b>	<b>1000000</b>

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