

# Product Document

# 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
TSL25913HFNM	ODFN 2x2.4x0.65mm	300150002	6	6.19	Thailand	YES	YES	YES	FULL	1

Homogenous Material	Weight (mg)	Symbol	Chemical Substance	Input Ratio (%)	CAS Number	Unit Weight (mg)	Unit Weight (%)	Amount (ppm)
Leadframe	2.56	Ag	Silver	0.02	7440-22-4	0.00051	0.00827	83
		Au	Gold	0.03	7440-57-5	0.00077	0.01241	124
		Cu	Copper	96.20	7440-50-8	2.46272	39.78546	397855
		Fe	Iron	2.30	7439-89-6	0.05888	0.95121	9512
		Ni	Nickel	1.30	7440-02-0	0.03328	0.53764	5376
		Pd	Palladium	0.05	7440-05-3	0.00128	0.02068	207
		Zn	Zinc	0.10	7440-66-6	0.00256	0.04136	414
<b>Subtotal:</b>				<b>100.00</b>		<b>2.56000</b>	<b>41.35703</b>	<b>413570</b>
Adhesive	0.09	Al2O3	Aluminum Oxide	53.00	1344-28-1	0.04770	0.77060	7706
		SiO2	Silica Fused	8.00	60676-86-0	0.00720	0.11632	1163
			Epoxy Resin	31.00	25928-94-3	0.02790	0.45073	4507
			Hardener	8.00	620-92-8	0.00720	0.11632	1163
<b>Subtotal:</b>				<b>100.00</b>		<b>0.09000</b>	<b>1.45396</b>	<b>14540</b>
IC	0.59	Si	Silicon	100.00	7440-21-3	0.59000	9.53150	95315
<b>Subtotal:</b>				<b>100.00</b>		<b>0.59000</b>	<b>9.53150</b>	<b>95315</b>
Wire	0.03	Au	Gold	100.00	7440-57-5	0.03000	0.48465	4847
<b>Subtotal:</b>				<b>100.00</b>		<b>0.03000</b>	<b>0.48465</b>	<b>4847</b>
Moldcompound	2.92		Epoxy Resin	100.00	1675-54-3	2.92000	47.17286	471729
<b>Subtotal:</b>				<b>100.00</b>		<b>2.92000</b>	<b>47.17286</b>	<b>471729</b>
<b>Total:</b>	<b>6.19</b>					<b>6.19</b>	<b>100.00000</b>	<b>1000000</b>

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