

# 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
TCS34003FNM	ODFN 2x2.4x0.65mm	503460002	6	7.11	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	2.8	Ag	Silver	0.02	7440-22-4	0.00056	0.00788	79
		Au	Gold	0.03	7440-57-5	0.00084	0.01181	118
		Cu	Copper	96.20	7440-50-8	2.69360	37.88467	378847
		Fe	Iron	2.30	7439-89-6	0.06440	0.90577	9058
		Ni	Nickel	1.30	7440-02-0	0.03640	0.51195	5120
		Pd	Palladium	0.05	7440-05-3	0.00140	0.01969	197
		Zn	Zinc	0.10	7440-66-6	0.00280	0.03938	394
<b>Subtotal:</b>				<b>100.00</b>		<b>2.80000</b>	<b>39.38115</b>	<b>393812</b>
Adhesive	0.12	Al2O3	Aluminum Oxide	53.00	1344-28-1	0.06360	0.89451	8945
		SiO2	Silica Fused	8.00	60676-86-0	0.00960	0.13502	1350
			Epoxy Resin	31.00	25928-94-3	0.03720	0.52321	5232
			Hardener	8.00	620-92-8	0.00960	0.13502	1350
<b>Subtotal:</b>				<b>100.00</b>		<b>0.12000</b>	<b>1.68776</b>	<b>16878</b>
IC	0.75	Si	Silicon	100.00	7440-21-3	0.75000	10.54852	105485
<b>Subtotal:</b>				<b>100.00</b>		<b>0.75000</b>	<b>10.54852</b>	<b>105485</b>
Wire	0.04	Au	Gold	100.00	7440-57-5	0.04000	0.56259	5626
<b>Subtotal:</b>				<b>100.00</b>		<b>0.04000</b>	<b>0.56259</b>	<b>5626</b>
Moldcompound	3.4		Epoxy Resin	100.00	1675-54-3	3.40000	47.81997	478200
<b>Subtotal:</b>				<b>100.00</b>		<b>3.40000</b>	<b>47.81997</b>	<b>478200</b>
<b>Total:</b>	<b>7.11</b>					<b>7.11</b>	<b>100.00000</b>	<b>1000000</b>

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