

# 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
DK	FN	300170029	6	5.95	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	0.00861	86
		Au	Gold	0.03	7440-57-5	0.00077	0.01291	129
		Cu	Copper	96.20	7440-50-8	2.46272	41.39025	413903
		Fe	Iron	2.30	7439-89-6	0.05888	0.98958	9896
		Ni	Nickel	1.30	7440-02-0	0.03328	0.55933	5593
		Pd	Palladium	0.05	7440-05-3	0.00128	0.02151	215
		Zn	Zinc	0.10	7440-66-6	0.00256	0.04303	430
<b>Subtotal:</b>				<b>100.00</b>		<b>2.56000</b>	<b>43.02521</b>	<b>430252</b>
Wire	0.03	Au	Gold	100.00	7440-57-5	0.03000	0.50420	5042
		<b>Subtotal:</b>				<b>100.00</b>	<b>0.03000</b>	<b>0.50420</b>
Adhesive	0.09	Al2O3	Aluminum Oxide	53.00	1344-28-1	0.04770	0.80168	8017
		SiO2	Silica Fused	8.00	60676-86-0	0.00720	0.12101	1210
			Epoxy Resin	31.00	25928-94-3	0.02790	0.46891	4689
			Hardener	8.00	620-92-8	0.00720	0.12101	1210
<b>Subtotal:</b>				<b>100.00</b>		<b>0.09000</b>	<b>1.51261</b>	<b>15126</b>
IC	0.61	Si	Silicon	100.00	7440-21-3	0.61000	10.25210	102521
		<b>Subtotal:</b>				<b>100.00</b>	<b>0.61000</b>	<b>10.25210</b>
Moldcompound	2.66		Epoxy Resin	100.00	1675-54-3	2.66000	44.70588	447059
		<b>Subtotal:</b>				<b>100.00</b>	<b>2.66000</b>	<b>44.70588</b>
<b>Total:</b>	<b>5.95</b>					<b>5.95</b>	<b>100.00000</b>	<b>1000000</b>

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