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# SciSense

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# Material Declaration Form

Page 1

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Tel +43 (0) 3136 500-0



Ordering Code	Package Family	Assembly Material Number	Lead Count	Weight (mg)	Manufacturing Country	Halogen Free	EU RoHS	China RoHS	Release Status	Version
TDC-GPX2	LQFP 64ld; 10x10x1.4mm	502050006	64	360	Taiwan	YES	YES	YES	PROTOS	1

Homogenous Material	Weight (mg)	Symbol	Chemical Substance	Input Ratio (%)	CAS Number	Unit Weight (mg)	Unit Weight (%)	Amount (ppm)
Leadframe	100	Ag	Silver	0.30	7440-22-4	0.30000	0.08333	833
		Cu	Copper	95.90	7440-50-8	95.90000	26.63889	266389
		Mg	Magnesium	0.15	7439-95-4	0.15000	0.04167	417
		Ni	Nickel	3.00	7440-02-0	3.00000	0.83333	8333
		Si	Silicon	0.65	7440-21-3	0.65000	0.18056	1806
<b>Subtotal:</b>				<b>100.00</b>		<b>100.00000</b>	<b>27.77778</b>	<b>277778</b>
Adhesive	2.6	Ag	Silver	79.00	7440-22-4	2.05400	0.57056	5706
			Bismaleimide	1.00	13676-54-5	0.02600	0.00722	72
			Bisphenol F	14.00	28064-14-4	0.36400	0.10111	1011
			Epoxy Resin	6.00	25928-94-3	0.15600	0.04333	433
<b>Subtotal:</b>				<b>100.00</b>		<b>2.60000</b>	<b>0.72222</b>	<b>7222</b>
IC	12	Si	Silicon	100.00	7440-21-3	12.00000	3.33333	33333
<b>Subtotal:</b>				<b>100.00</b>		<b>12.00000</b>	<b>3.33333</b>	<b>33333</b>
Wire	1.7	Au	Gold	100.00	7440-57-5	1.70000	0.47222	4722
<b>Subtotal:</b>				<b>100.00</b>		<b>1.70000</b>	<b>0.47222</b>	<b>4722</b>
Moldcompound	229.9	SiO2	Silica Fused	83.00	60676-86-0	190.81700	53.00472	530047
			Carbon Black	0.30	1333-86-4	0.68970	0.19158	1916
			Epoxy Resin	9.00	25928-94-3	20.69100	5.74750	57475
			Phenol Resin	7.70	28064-14-4	17.70230	4.91731	49173
<b>Subtotal:</b>				<b>100.00</b>		<b>229.90000</b>	<b>63.86111</b>	<b>638611</b>

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Page 2

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Homogenous Material	Weight (mg)	Symbol	Chemical Substance	Input Ratio (%)	CAS Number	Unit Weight (mg)	Unit Weight (%)	Amount (ppm)
Plating	13.8	Sn	Tin	100.00	7440-31-5	13.80000	3.83333	38333
<b>Subtotal:</b>				<b>100.00</b>		<b>13.80000</b>	<b>3.83333</b>	<b>38333</b>
<b>Total:</b>	<b>360</b>					<b>360.00</b>	<b>100.00000</b>	<b>1000000</b>

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