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SciSense

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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 |
|----------------|---------------------------------------|--------------------------|------------|-------------|-----------------------|--------------|---------|------------|----------------|---------|
| TDC-GP30YA-F01 | sawn QFN 40ld, 6x6x0.9mm, 0.5mm | 502030007 | 40 | 99.94 | MALAYSIA | YES | YES | YES | FULL | 1 |

| Homogenous Material | Weight (mg) | Symbol | Chemical Substance | Input Ratio (%) | CAS Number | Unit Weight (mg) | Unit Weight (%) | Amount (ppm) |
|---------------------|-------------|------------------|-----------------------|-----------------|-----------------|------------------|-----------------|-----------------|
| Leadframe | 34.69 | Ag | Silver | 0.30 | 7440-22-4 | 0.10407 | 0.10413 | 1041 |
| | | Cu | Copper | 97.25 | 7440-50-8 | 33.73603 | 33.75628 | 337563 |
| | | Fe | Iron | 2.30 | 7439-89-6 | 0.79787 | 0.79835 | 7983 |
| | | Zn | Zinc | 0.15 | 7440-66-6 | 0.05204 | 0.05207 | 521 |
| | | Subtotal: | | | 100.00 | | 34.69000 | 34.71083 |
| Adhesive | 1.6 | Ag | Silver | 80.00 | 7440-22-4 | 1.28000 | 1.28077 | 12808 |
| | | | Carbocyclic Acrylates | 15.00 | 3066-71-5 | 0.24000 | 0.24014 | 2401 |
| | | | Epoxy Resin | 5.00 | 25928-94-3 | 0.08000 | 0.08005 | 800 |
| Subtotal: | | | 100.00 | | 1.60000 | 1.60096 | 16010 | |
| IC | 3.5 | Si | Silicon | 100.00 | 7440-21-3 | 3.50000 | 3.50210 | 35021 |
| Subtotal: | | | 100.00 | | 3.50000 | 3.50210 | 35021 | |
| Wire | 1.45 | Au | Gold | 100.00 | 7440-57-5 | 1.45000 | 1.45087 | 14509 |
| Subtotal: | | | 100.00 | | 1.45000 | 1.45087 | 14509 | |
| Moldcompound | 55.2 | SiO2 | Silica Fused | 83.00 | 60676-86-0 | 45.81600 | 45.84351 | 458435 |
| | | | Carbon Black | 0.30 | 1333-86-4 | 0.16560 | 0.16570 | 1657 |
| | | | Epoxy Resin | 9.00 | 25928-94-3 | 4.96800 | 4.97098 | 49710 |
| | | | Phenol Resin | 7.70 | 28064-14-4 | 4.25040 | 4.25295 | 42530 |
| Subtotal: | | | 100.00 | | 55.20000 | 55.23314 | 552331 | |
| Plating | 3.5 | Sn | Tin | 100.00 | 7440-31-5 | 3.50000 | 3.50210 | 35021 |
| Subtotal: | | | 100.00 | | 3.50000 | 3.50210 | 35021 | |

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| Homogenous Material | Weight (mg) | Symbol | Chemical Substance | Input Ratio (%) | CAS Number | Unit Weight (mg) | Unit Weight (%) | Amount (ppm) |
|---------------------|--------------|--------|--------------------|-----------------|------------|------------------|------------------|----------------|
| Total: | 99.94 | | | | | 99.94 | 100.00000 | 1000000 |

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