

Material Declaration Form

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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 |
|---------------|-------------------|--------------------------|------------|-------------|-----------------------|--------------|---------|------------|----------------|---------|
| TSL25403 | OQFN 2x2x0.5mm | 503020050 | 10 | 5.33 | 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 | 3.02 | Ag | Silver | 0.02 | 7440-22-4 | 0.00060 | 0.01131 | 113 |
| | | Au | Gold | 0.03 | 7440-57-5 | 0.00090 | 0.01696 | 170 |
| | | Cu | Copper | 96.20 | 7440-50-8 | 2.90091 | 54.39446 | 543945 |
| | | Fe | Iron | 2.30 | 7439-89-6 | 0.06936 | 1.30049 | 13005 |
| | | Ni | Nickel | 1.30 | 7440-02-0 | 0.03920 | 0.73506 | 7351 |
| | | Pd | Palladium | 0.05 | 7440-05-3 | 0.00151 | 0.02827 | 283 |
| | | Zn | Zinc | 0.10 | 7440-66-6 | 0.00302 | 0.05654 | 565 |
| Subtotal: | | | | 100.00 | | 3.01550 | 56.54310 | 565431 |
| Adhesive | 0.02 | Al2O3 | Aluminum Oxide | 53.00 | 1344-28-1 | 0.00901 | 0.16894 | 1689 |
| | | SiO2 | Silica Fused | 8.00 | 60676-86-0 | 0.00136 | 0.02550 | 255 |
| | | | Epoxy Resin | 31.00 | 25928-94-3 | 0.00527 | 0.09882 | 988 |
| | | | Hardener | 8.00 | 620-92-8 | 0.00136 | 0.02550 | 255 |
| Subtotal: | | | | 100.00 | | 0.01700 | 0.31876 | 3188 |
| IC | 0.34 | Si | Silicon | 100.00 | 7440-21-3 | 0.33900 | 6.35653 | 63565 |
| Subtotal: | | | | 100.00 | | 0.33900 | 6.35653 | 63565 |
| Wire | 0.1 | Au | Gold | 100.00 | 7440-57-5 | 0.10120 | 1.89758 | 18976 |
| Subtotal: | | | | 100.00 | | 0.10120 | 1.89758 | 18976 |
| Moldcompound | 1.86 | | 2,6-Ditert.butyl-4-Methyl | 1.00 | 128-37-0 | 0.01860 | 0.34884 | 3488 |
| | | | Epoxy Resin | 99.00 | 25068-38-6 | 1.84180 | 34.53519 | 345352 |
| Subtotal: | | | | 100.00 | | 1.86040 | 34.88403 | 348840 |

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| Homogenous Material | Weight (mg) | Symbol | Chemical Substance | Input Ratio (%) | CAS Number | Unit Weight (mg) | Unit Weight (%) | Amount (ppm) |
|---------------------|-------------|--------|--------------------|-----------------|------------|------------------|------------------|----------------|
| Total: | 5.33 | | | | | 5.33 | 100.00000 | 1000000 |

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