

Material Declaration Form

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ams AG
Tobelbader Strasse 30
A-8141 Premstaetten, Austria
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 |
|---------------|----------------|--------------------------|------------|-------------|-----------------------|--------------|---------|------------|----------------|---------|
| CCS801B-COPR | DFN4 | 304000010 | 4 | 17.93 | Taiwan | YES | YES | YES | FULL | 1 |

| Homogenous Material | Weight (mg) | Symbol | Chemical Substance | Input Ratio (%) | CAS Number | Unit Weight (mg) | Unit Weight (%) | Amount (ppm) |
|---------------------|-------------|------------------|--------------------|-----------------|------------|------------------|-----------------|----------------|
| Leadframe | 9.21 | Au | Gold | 0.01 | 7440-57-5 | 0.00092 | 0.00514 | 51 |
| | | Cu | Copper | 96.55 | 7440-50-8 | 8.89226 | 49.59428 | 495943 |
| | | Fe | Iron | 2.30 | 7439-89-6 | 0.21183 | 1.18143 | 11814 |
| | | Ni | Nickel | 0.95 | 7440-02-0 | 0.08750 | 0.48798 | 4880 |
| | | Pd | Palladium | 0.04 | 7440-05-3 | 0.00368 | 0.02055 | 205 |
| | | Zn | Zinc | 0.15 | 7440-66-6 | 0.01382 | 0.07705 | 770 |
| | | Subtotal: | | | | 100.00 | | 9.21000 |
| Adhesive | 0.08 | Ag | Silver | 95.00 | 7440-22-4 | 0.07600 | 0.42387 | 4239 |
| | | | Bismaleimide | 5.00 | 13676-54-5 | 0.00400 | 0.02231 | 223 |
| | | Subtotal: | | | | 100.00 | | 0.08000 |
| IC | 0.88 | Si | Silicon | 100.00 | 7440-21-3 | 0.88000 | 4.90798 | 49080 |
| Subtotal: | | | | 100.00 | | 0.88000 | 4.90798 | 49080 |
| Wire | 0.04 | Au | Gold | 100.00 | 7440-57-5 | 0.04000 | 0.22309 | 2231 |
| Subtotal: | | | | 100.00 | | 0.04000 | 0.22309 | 2231 |
| LID Epoxy | 1.98 | | Carbon Black | 1.00 | 1333-86-4 | 0.01980 | 0.11043 | 1104 |
| | | | Epoxy Resin | 99.00 | 25928-94-3 | 1.96020 | 10.93252 | 109325 |
| | | | Subtotal: | | | 100.00 | | 1.98000 |

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| Homogenous Material | Weight (mg) | Symbol | Chemical Substance | Input Ratio (%) | CAS Number | Unit Weight (mg) | Unit Weight (%) | Amount (ppm) |
|---------------------|--------------|--------|-------------------------|-----------------|---------------|------------------|------------------|-----------------|
| LCP LID | 2.58 | | Carbon Black | 5.00 | 1333-86-4 | 0.12900 | 0.71946 | 7195 |
| | | | Glass oxide | 60.00 | 65997-17-3 | 1.54800 | 8.63358 | 86336 |
| | | | Liquid crystal polymers | 35.00 | 147310-94-9 | 0.90300 | 5.03625 | 50363 |
| | | | Subtotal: | | 100.00 | | 2.58000 | 14.38929 |
| Moldcompound | 3.16 | SiO2 | Silica | 10.00 | 7631-86-9 | 0.31600 | 1.76241 | 17624 |
| | | SiO2 | Silica | 75.00 | 60676-86-0 | 2.37000 | 13.21807 | 132181 |
| | | | Epoxy Resin | 10.00 | 25928-94-3 | 0.31600 | 1.76241 | 17624 |
| | | | Phenol Resin | 5.00 | 28064-14-4 | 0.15800 | 0.88120 | 8812 |
| | | | Subtotal: | | 100.00 | | 3.16000 | 17.62409 |
| Total: | 17.93 | | | | | 17.93 | 100.00000 | 1000000 |

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