

Product / Package Information

| | |
|-----------------|-------------|
| Package | LFCSP_CAV |
| Body Size (mm) | 5 X 5 X 1.5 |
| Lead Count | 32 |
| Terminal Finish | Au |
| MS Number | |

Environmental Information

| | |
|----------------------------|-----|
| RoHS Compliant | Yes |
| High Temperature Compliant | Yes |
| Halogen Free Compliant | Yes |
| REACH SVHC Compliant | Yes |

Materials Declaration

Substrate

| Description | Substance | CAS# | Weight (g) | Homogeneous Material Level | | Component Level | | |
|---------------------------|--------------|-------------|------------|----------------------------|---------|-----------------|-----|--------|
| | | | | Percentage (%) | PPM | Percentage (%) | PPM | |
| Copper & its alloys | Copper | 7440-50-8 | 2.80E-02 | 87.7 | 877168 | 54.25 | | 542514 |
| Copper & its alloys | Iron | 7439-89-6 | 6.91E-04 | 2.2 | 21672 | 1.34 | | 13404 |
| Copper & its alloys | Zinc | 7440-66-6 | 3.95E-05 | 0.1 | 1239 | 0.08 | | 766 |
| Copper & its alloys | Phosphorus | 7723-14-0 | 2.80E-05 | 0.1 | 878 | 0.05 | | 543 |
| Other inorganic materials | Silica | 7631-86-9 | 1.30E-03 | 4.1 | 40803 | 2.52 | | 25236 |
| Other inorganic materials | Carbon Black | 1333-86-4 | 9.55E-05 | 0.3 | 2995 | 0.19 | | 1852 |
| Other organic materials | Resin | Proprietary | 1.76E-03 | 5.5 | 55245 | 3.42 | | 34168 |
| Subtotal | | | 3.19 E-02 | 100.00 | 1000000 | 61.85 | | 618484 |

Lid

| Description | Substance | CAS# | Weight (g) | Homogeneous Material Level | | Component Level | | |
|-------------------------|------------------|-------------|------------|----------------------------|---------|-----------------|-----|--------|
| | | | | Percentage (%) | PPM | Percentage (%) | PPM | |
| Other organic materials | Epoxy Resin | Proprietary | 1.61 E-02 | 93.05 | 930490 | 31.15 | | 311463 |
| Other organic materials | Epoxy Resin | Proprietary | 6.81 E-04 | 3.94 | 39434 | 1.32 | | 13200 |
| Ceramics | Glass | 65997-17-3 | 3.10 E-04 | 1.80 | 17964 | 0.60 | | 6013 |
| Other organic materials | 2-Methoxyethanol | 109-86-4 | 1.76 E-04 | 1.02 | 10199 | 0.34 | | 3414 |
| Other organic materials | Carbon Black | 1333-86-4 | 3.30 E-05 | 0.19 | 1912 | 0.06 | | 640 |
| Subtotal | | | 1.73 E-02 | 100.00 | 1000000 | 33.47 | | 334730 |

External Leadframe Plating

| Description | Substance | CAS# | Weight (g) | Homogeneous Material Level | | Component Level | | |
|---------------------|-----------|-----------|------------|----------------------------|---------|-----------------|-----|------|
| | | | | Percentage (%) | PPM | Percentage (%) | PPM | |
| Nickel & its alloys | Nickel | 7440-02-0 | 7.70 E-05 | 81.91 | 819149 | 0.15 | | 1494 |
| Precious metals | Palladium | 7440-05-3 | 1.20 E-05 | 12.77 | 127660 | 0.02 | | 233 |
| Precious metals | Gold | 7440-57-5 | 5.00 E-06 | 5.32 | 53191 | 0.01 | | 97 |
| Subtotal | | | 9.40 E-05 | 100.00 | 1000000 | 0.18 | | 1823 |

Bond Wires

| Description | Substance | CAS# | Weight (g) | Homogeneous Material Level | | Component Level | | |
|-----------------|-----------|-----------|------------|----------------------------|---------|-----------------|-----|------|
| | | | | Percentage (%) | PPM | Percentage (%) | PPM | |
| Precious metals | Gold | 7440-57-5 | 4.51 E-04 | 100.0 | 1000000 | 0.87 | | 8748 |

Chip

| Description | Substance | CAS# | Weight (g) | Homogeneous Material Level | | Component Level | | |
|---------------------------|------------------|-----------|------------|----------------------------|---------|-----------------|-----|-------|
| | | | | Percentage (%) | PPM | Percentage (%) | PPM | |
| Other inorganic materials | Gallium Arsenide | 1303-00-0 | 9.17 E-04 | 100.0 | 1000000 | 1.78 | | 17787 |

Die Attach

| Description | Substance | CAS# | Weight (g) | Homogeneous Material Level | | Component Level | | |
|-------------------------|----------------------|-------------|------------|----------------------------|---------|-----------------|-----|-------|
| | | | | Percentage (%) | PPM | Percentage (%) | PPM | |
| Precious metals | Silver | 7440-22-4 | 7.85 E-04 | 82.63 | 826316 | 1.52 | | 15227 |
| Other organic materials | Epoxy Resin | Proprietary | 4.00 E-05 | 4.21 | 42105 | 0.08 | | 776 |
| Other organic materials | Additives | 3101-60-8 | 4.00 E-05 | 4.21 | 42105 | 0.08 | | 776 |
| Other organic materials | High-boiling solvent | 92-88-6 | 8.50 E-05 | 8.95 | 89474 | 0.16 | | 1649 |
| Subtotal | | | 9.50 E-04 | 100.00 | 1000000 | 1.84 | | 18427 |

| | | | | | | | | |
|-----------------------|--|--|--------------------------------|--|--|---------------------------------|--|-----------------------|
| Package Totals | | | Weight (g) 5.16 E-02 | | | Percentage (%) 100.00 | | PPM 1000000 |
|-----------------------|--|--|--------------------------------|--|--|---------------------------------|--|-----------------------|

Note: The information provided in this declaration are true to the best of ADI's knowledge. ADI derived most of the information listed in this declaration from documents provided by third parties, and assumes no liability to any inaccuracy of such information.



ADI Proprietary