

## 1. Product information

Supplier : JIANGSU CHANGJING ELECTRONICS TECHNOLOGY CO.,LTD.

|                |           |
|----------------|-----------|
| Part Number :  | CJU55N02  |
| Package Type : | TO-252-2L |

## 2. MATERIAL ANALYSIS DATA SHEET

| Material      | Composition    | CAS No.      | % of weight | % of weight total |
|---------------|----------------|--------------|-------------|-------------------|
| Wafer         | Silicon        | 7440-21-3    | 100.00%     | 0.885%            |
| Lead Frame    | Iron           | 7439-89-6    | 0.10%       | 57.9454%          |
|               | Phosphorus     | 7723-14-0    | 0.2125%     |                   |
|               | Copper         | 7440-50-8    | 99.6834%    |                   |
|               | Nickel (Ni)    | 7440-02-0    | 0.0041%     |                   |
| Soft Solder   | Lead           | 7439-92- 1   | 92.50%      | 1.1132%           |
|               | Tin            | 7440-31-5    | 5.00%       |                   |
|               | Silver         | 7440-22-4    | 2.50%       |                   |
| Wire1         | Al             | 7429-90-5    | 99.996%     | 0.2796%           |
|               | Others         | /            | 0.004%      |                   |
| Wire2         | Copper         | 7440-50-8    | 99.992%     | 0.0029%           |
|               | Calcium        | 7440-70-2    | 0.0018%     |                   |
|               | Aluminum       | 7429-90-5    | 0.0018%     |                   |
|               | Others         | /            | 0.0044%     |                   |
| Mold Compound | Silica         | 60676-86-0   | 75.50%      | 38.4906%          |
|               | Epoxy Resin    | 29690-82-2   | 13.00%      |                   |
|               | Phenol Resin   | 9003-35-4    | 8.00%       |                   |
|               | Fire Retardant | Trade secret | 3.00%       |                   |
|               | Carbon black   | 1333-86-4    | 0.50%       |                   |
| Plating       | Tin            | 7440-31-5    | 99.99%      | 1.2834%           |
|               | Other          | /            | 0.01%       |                   |

Materials Disclosure Disclaimer: Even though all possible efforts have been made to provide you with the information, It is for guidance only and we cannot guarantee to its accuracy or completeness.