

## 1. Product information

Supplier : JIANGSU CHANGJING ELECTRONICS TECHNOLOGY CO.,LTD.

|                |        |
|----------------|--------|
| Part Number :  | CJ2312 |
| Package Type : | SOT-23 |

## 2. MATERIAL ANALYSIS DATA SHEET

| Material      | Composition                     | CAS No.      | % of weight | % of weight total |
|---------------|---------------------------------|--------------|-------------|-------------------|
| Wafer         | Silicon                         | 7440-21-3    | 100.00%     | 3.69%             |
| Lead Frame    | Copper                          | 7440-50-8    | 97.47%      | 37.52%            |
|               | Iron                            | 7439-89-6    | 2.30%       |                   |
|               | Phosphorus                      | 7723-14-0    | 0.05%       |                   |
|               | Zinc                            | 7440-66-6    | 0.10%       |                   |
|               | Lead                            | 7439-92-1    | 0.03%       |                   |
|               | Silver                          | 7440-22-4    | 0.05%       |                   |
| Epoxy         | Silver                          | 7440-22-4    | 76.00%      | 0.24%             |
|               | bisphenol-F-(epichlorhydrin)    | Proprietary  | 15.00%      |                   |
|               | 1,4-Bis(2,3-epoxypropoxy)butane | 2425-79-8    | 7.00%       |                   |
|               | dapsone                         | 80-08-0      | 2.00%       |                   |
| Wire          | Copper                          | 7440-50-8    | 99.99%      | 1.36%             |
|               | Others                          | /            | 0.01%       |                   |
| Mold Compound | Solid Epoxy Resin               | Trade Secret | 9.00%       | 55.58%            |
|               | Hardener                        | Trade Secret | 5.50%       |                   |
|               | Amorphous silica                | 60676-86-0   | 83.00%      |                   |
|               | Carbon Black                    | 1333-86-4    | 0.50%       |                   |
|               | Metal Hydroxide                 | Trade Secret | 2.00%       |                   |
| Plating       | Tin                             | 7440-31-5    | 99.90%      | 1.60%             |
|               | Other                           | /            | 0.10%       |                   |

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.