

| Type number | Package | Package description | Total product weight |
|-------------|---------|---------------------|----------------------|
| NHUMH2 | SOT363 | SC-88 | 5.47620 mg |

| 12NC | Version | Pb-free soldering | | | Pb soldering | | | Number of processing cycles | Assembly site | RHF-indicator |
|--------------|---------|-------------------|-----|------|--------------|-----|------|-----------------------------|---|---------------|
| | | MSL | PPT | MPPT | MSL | PPT | MPPT | | | |
| 934661433135 | 1 | 1 | 260 | 30 s | 1 | 235 | 20 s | 3 | D-22529 HAMBURG, Germany; Seremban, Malaysia; Dongguan, China | |
| 934661433115 | 1 | 1 | 260 | 30 s | 1 | 235 | 20 s | 3 | Seremban, Malaysia; D-22529 HAMBURG, Germany; Dongguan, China | |

| Subpart | Material group | Substances | CAS number | Mass(mg) | Mass(%) of subpart | Mass(%) of total product |
|------------------|-------------------|---|------------|-----------|--------------------|--------------------------|
| Die | Doped silicon | Silicon (Si) | 7440-21-3 | 0.10800 | 100.00000 | 1.97217 |
| | | subTotal | | 0.10800 | 100.00000 | 1.97217 |
| Lead Frame | Iron-nickel alloy | Aluminium (Al) | 7429-90-5 | 0.00186 | 0.09000 | 0.03402 |
| | | Carbon (C) | 7440-44-0 | 0.00083 | 0.04000 | 0.01512 |
| | | Chromium (Cr) | 7440-47-3 | 0.00435 | 0.21000 | 0.07938 |
| | | Cobalt (Co) | 7440-48-4 | 0.00890 | 0.43000 | 0.16254 |
| | | Iron (Fe) | 7439-89-6 | 0.98118 | 47.40000 | 17.91717 |
| | | Manganese (Mn) | 7439-96-5 | 0.01760 | 0.85000 | 0.32130 |
| | | Misc. Phosphor compounds (generic) | 7723-14-0 | 0.00041 | 0.02000 | 0.00756 |
| | | Misc. Sulfur compounds (generic) | 7704-34-9 | 0.00041 | 0.02000 | 0.00756 |
| | | Nickel (Ni) - cas no. 7440-02-0 | 7440-02-0 | 0.73920 | 35.71000 | 13.49836 |
| | | Silicon (Si) | 7440-21-3 | 0.00538 | 0.26000 | 0.09828 |
| Pure metal layer | Copper (Cu) | 7440-50-8 | 0.27138 | 13.11000 | 4.95557 | |
| | Silver (Ag) | 7440-22-4 | 0.03850 | 1.86000 | 0.70308 | |
| | subTotal | | 2.07000 | 100.00000 | 37.79994 | |
| Mould Compound | Filler | Silica fused | 60676-86-0 | 2.19292 | 75.10000 | 40.04456 |
| | Pigment | Carbon black | 1333-86-4 | 0.00876 | 0.30000 | 0.15996 |
| | Polymer | Epichlorohydrin/o-Cresol/Formaldehyde polymer (generic) | 29690-82-2 | 0.51100 | 17.50000 | 9.33129 |
| | | Phenol Formaldehyde resin (generic) | 9003-35-4 | 0.20732 | 7.10000 | 3.78584 |
| subTotal | | 2.92000 | 100.00000 | 53.32165 | | |
| Post-Plating | Impurity | Antimony (Sb) | 7440-36-0 | 0.00001 | 0.00300 | 0.00020 |
| | | Bismuth (Bi) | 7440-69-9 | 0.00000 | 0.00100 | 0.00007 |
| | | Copper (Cu) | 7440-50-8 | 0.00000 | 0.00100 | 0.00007 |
| | | Lead (Pb) | 7439-92-1 | 0.00002 | 0.00500 | 0.00034 |
| | Tin solder | Tin (Sn) | 7440-31-5 | 0.36996 | 99.99000 | 6.75583 |
| subTotal | | 0.37000 | 100.00000 | 6.75651 | | |
| Wire | Pure metal | Copper (Cu) | 7440-50-8 | 0.00820 | 100.00000 | 0.14965 |
| | | subTotal | | 0.00820 | 100.00000 | 0.14965 |

Note(s):

1) This is a generic description of the substance used as the actual composition of the substances are either considered proprietary or no official CAS number is available. If a CAS number is given, it is the closest match available.

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