$\begin{tabular}{lll} Antimony & (Sb_2O_3) Copper & (Cu) Indium & (In) Lead & (Pb) Silver & (Ag) Tin & (Sn) & \textbf{Substrate} \\ \textbf{Components} & Substrate & Weight Substrate & Material Substrate & Core \\ Material Bromine-Free & & & & & \\ \end{tabular}$

CopperGoldNickelSubstrate Core MaterialSolder MaskTriazolOther **UBM Components** Component Weight

Chromium (Cr)Copper (Cu)Nickel (Ni)Nickel-V (NiV)Titanium (Ti)Titanium-W (TiW)Tungsten (W)Vanadium (V) **Top Passive Component 1** Material Type / PN CodesComponent Weight Passive Component 1 Passive Component 2 Material Type / PN CodesComponent Weight Passive Component 2 Passive Component 3 Material Type / PN CodesComponent Weight Passive Component 3 Passive Component 4 Material Type / PN CodesComponent Weight Passive Component 4 Capacitor Components Component Weight Ceramic (BaTiO₃)Copper (Electrode) Crystal Components Component Weight Silver (Ag)Aluminum (Al)Gold (Au)Chromium (Cr)Lead (Pb)Manganese (Mn)Nickel (Ni)Cobalt (Co)Copper (Cu)Iron (Fe)Silicon (Si)Tin (Sn)Zinc (Zn)Silica (SiO₂) **Diode Components** Component Weight Encapsulant (Phenolic Resin)Gold WireLeadframe (Copper 194)Pellet (Chip)Terminal (SnAgCu) Optocoupler Components Component Weight Die (Chip)Encapsulant (Phenolic Resin)Epoxy (Ag)Gold WireLeadframe (Alloy 42)Potting

Component Weight **Transformer Components** Component

Component

Resin (Silicone)Terminal Plating (Sn) Resistor Components

Weight

Weight

 $CopperFeO_2MnO_3ZnO$

Notes:

- 1. Lead Form: GW Gull Wing, TH Through Hole.
- 2. Refer to product data sheet to confirm actual wire diameter.
- 3. 'ND' means None Detected, negligible amount present.

This part is qualified as lead-free.

Parts qualified as lead-free can be manufactured and supplied as lead-free, if and only if, the customer makes such requests to the Maxim Business Units for approval. The navigation bar on the EMMI website contains information regarding the lead-free process (e.g. MSL's, Peak reflow Temperatures, JEDEC methods, frequently asked questions and answers, lead-free package tables, and status/qualification plans for particular package types qualified as lead-free or in the qualification process).

This report was generated on 2020-07-09. For additional information, please visit the Maxim/Dallas Environmental Management and Materials Information website located at:

http://www.maximintegrated.com/emmi