



Microtune Environmental Protection (RoHS) Warranty

| Company Information | | | | | |
|--|--|---|---------------------------------|--|---------------------------------|
| Company Name: <p style="text-align: center; margin: 0;">Microtune, Inc.</p> | | | | | |
| Contact Name: Widge Stamback | | Contact Phone: 1-972-673-1823 | | Contact E-Mail: Widge.stamback@microtune.com | |
| Authorized Representative: Widge Stamback | | Title: Quality Dir. | Phone: 1-972-673-1823 | E-Mail: Widge.stamback@microtune.com | |
| Item Number: MT1550F-01 MT1550F-02 | Item Name: Broadband Amplifier | | Weight 62 | UOM mg | Mfg Site: ASE - Korea |
| Manufacturing Process Information | | | | | |
| Terminal plating | Terminal Base Alloy | J-ST-020 MSL Rating | Peak Process Temp. | Max Time @ Peak | # Reflow Cycles |
| Matte Tin | Cu | 3 | 260°C | 5 Sec | 3 |



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Level A Material Substance Declaration

| Material/Substance Category Name | Intentional Added or Present Above Threshold Limit (Y/N) | If Yes, Material Substance Mass | If Yes, detailed Material Substance Information |
|--|--|---------------------------------|---|
| Asbestos | N | | |
| Azo colorants and Azo dyes | N | | |
| Cadmium/ Cadmium compounds | N | | |
| Hexavalent Chromium/ Hexavalent Chromium compounds | N | | |
| Lead/Lead compounds | N | | |
| Mercury/Mercury compounds | N | | |
| Ozone Depleting Substances (CFC's, HCFC's, HBFC's, carbon tetrachloride, etc.) | N | | |
| Polybrominated Biphenyls (PBB's) | N | | |
| Polybrominated Diphenyl Ethers (PBDE's) | N | | |
| Polychlorinated Biphenyls (PCB's) | N | | |
| Polychlorinated Naphthalene's (more than three Chlorine atoms) | N | | |
| Radioactive substances | N | | |
| Short chain Chlorinated Paraffins | N | | |
| Tributyl Tin (TBT) & Triphenyl Tin (TPT) | N | | |
| Tributyl Tin Oxide (TBTO) | N | | |



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Level B Material and Substance Declaration

| Material/Substance Category Name | Intentional Added or Present Above Threshold Limit (Y/N) | If Yes, Material Substance Mass | If Yes, detailed Material Substance Information |
|---|--|---------------------------------|---|
| Antimony/Antimony compounds | N | | |
| Arsenic/Arsenic compounds | N | | |
| Beryllium/ Beryllium compounds | N | | |
| Bismuth/Bismuth compounds | N | | |
| Brominated Flame Retardants (other than PBBs or PBDEs) | N | | |
| Nickel/Nickel Compounds (external application only) | N | | |
| Phthalates | N | | |
| Selenium/Selenium compounds | N | | |
| Polyvinyl Chloride (PVC) | N | | |
| Disclosure is limited to "is present", "is not present" in amounts that exceed threshold. | | | |

Microtune certifies that it gathered the information it provides in this form concerning RoHS restrictive substances using appropriate methods to ensure its accuracy and that such information is true and correct to the best of its knowledge and belief, as of the date that Microtune completes this form. Microtune acknowledges that the Customer will rely on this certification in determining the compliance of its products with European Union member state laws that implement the RoHS Directive. Microtune may have relied on information provided by others in completing this form, and Microtune may not have independently verified such information. However, in situations where Microtune has not independently verified information provided by others, Microtune agrees that, at a minimum, its suppliers have provided certifications regarding their contributions to the part(s), and those certifications are at least as comprehensive as the certification in this paragraph. If Microtune and the Customer enter into a written agreement with respect to the identified part(s), the terms and conditions of that agreement, including any warranty rights and/or remedies provided as part of that agreement, will be the sole and exclusive source of Microtune's liability and the Customer's remedies for issues that arise regarding information Microtune provides in this form.

Authorized Representative Signature: Widge L Stambaek
 Date (MMDDYY): 061906