



June 2017

Attention: Valued Partners and Customers

Subject: Solderability and Reliability Guarantee

Rochester Electronics, LLC, in its dedication to quality, fully guarantees parts sold will pass industry standard solderability requirements. Devices purchased from Rochester come direct as a result of our contract with our OCM (Original Component Manufacturer) partners and are stored using the original manufacturers packing techniques.

Devices manufactured by Rochester Electronics, LLC are packaged and stored using procedures that meet or exceed industry standards. Rochester stores its manufactured part using state of the art ESD and MSL precautions. When it is applicable, parts are baked and dry packed for moisture protection prior to being inventoried in our state-of-the-art warehouse facilities.

Rochester Electronics, LLC performed a long-term storage study specifically looking at industry solder issues. The study was done using devices from 7 different major semiconductor manufacturers and covered 12 years of date codes. The solder study was performed using MIL-STD-883 test method and criterion which specifies a minimum of 95% solder coverage. Commercial parts are guaranteed to the standards of Method B102 of JESD22. We exceeded the sample size used to include all leads for inspection. There were no catastrophic lead problems noted in the study. We repeated the solderability study using the same parts from inventory 10 years later with the same results. The date codes used ranged from 8403 thru 9652 and were stored in the Rochester Electronics environmentally conditioned warehouses located in Newburyport Massachusetts.

Sincerely,

Steve Hirschfeld

Quality Manager

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