

# FAILURE ANALYSIS REQUEST FORM

E83-F-00-001374Rev00

|                |             |
|----------------|-------------|
| Date Requested | 20-Jan-17   |
| Requestor      | WAIWIT      |
| Contact #      | 010-3832607 |
| FA Category    | Sustaining  |
| Case #         | C170003     |

## BOARD FAILURE INFORMATION

|                     |  |                      |                |
|---------------------|--|----------------------|----------------|
| Customer            | Covidien   | Quantity Usage( per) | 2              |
| Customer Part#(CPN) | LFPTCGR10313N  | Top (pcs)            | 2              |
| Model Name          | LFPTCGR100305F   | Bottom(pcs)          | Not Applicable |
| Board Serial #      | SC1650WT580107, SC1650WT580014, SC1650WT580148, SC1650WT580013, SC1650WT580120 |                      |                |

## DEVICE FAILURE INFORMATION

|                    |  |                         |     |
|--------------------|--|-------------------------|-----|
| Supplier           | MOUSER ELECTRONICS                         | Qty for FA              | 5   |
| Manufacturer (MFR) |  | Board Tested            | 10  |
| MPN                | LM358DR                                    | Board Failed            | 6   |
| Part Description   | IC, OPAMP,DUAL, LOW POWER, 8 SOIC, SPECIAL | Commodity               |     |
| Package Types/Pins |  | % Failure (board level) |     |
| MSD/MSL            |  | % Failure (comp level)  | 60% |

## FAILING DESCRIPTION

Detail Failure & Test Description :

Digital Test Fail at ICT

System Diagnosis /Analysis Conclusion :

Finding is U9 defective, attached is the data for Bad and Good component measurement.

## FAILING DEVICE DATA

| NO# | PCBA S/N       | Fail Test   | Failure Symptom | Fail Test Log/Data | Body Marking |
|-----|----------------|-------------|-----------------|--------------------|--------------|
| 1   | SC1650WT580107 | ICT Station | Short Test      |                    | AHV8         |
| 2   | SC1650WT580014 | ICT Station | Short Test      |                    | AHV8         |
| 3   | SC1650WT580148 | ICT Station | Short Test      |                    | AHV8         |

