

BOARD TITLE: DRIVERS_LVDS

AUTHOR: CCB

CODE NUMBER:

REVISION: 1_02

LAYER STACKUP:

TOP / BOTTOM: GND PLANE + SIGNALS

REVISIONS DESCRIPTION:

1_00 - Initial revision - jul-22-2016

1_01 - R1 pull down + R4 pull up + SpW groups silks + test points - nov/2016

1_02 - Tx/Rx connectors changed to Axonn cable model - dez/2016

GENERAL NOTES:

1. LAMINATE SPECIFICATIONS:

- TOTAL THICKNESS: 1.6 mm +/- 0.2 mm
- LAYER NUMBERS: 2
- Cu THICKNESS (FINISHED): 1 oz / 1 oz
- RAW MATERIAL: FR-4
- TG MIN.: 150 °C
- TD MIN.: 310 °C

2. HOLE CHARACTERISTICS:

- PLATED HOLE TOLERANCE: +/- 0.1 mm
- NON PLATED HOLE TOLERANCE: +/- 0.1 mm
- DISPLACEMENT: 0.1 mm MAX.
- Cu THICKNESS ON HOLE: 20 um + SnPb MIN.

3. FINISHING:

- HOT AIR SOLDER LEVELING (HASL) - SnPb

4. SILKSCREEN MASK:

- WHITE (THERMAL CURE EPOXY)

5. SOLDER MASK:

- BOTH SIDES
- GREEN EPOXY THERMAL CURE OR PHOTO IMAGEABLE
- IONIC CONTAMINATION AFTER SOLDERING: 14 ug NaCl / in2 MAX.
- COVER VIAS WITH SOLDER MASK ON BOTH SIDES EXCEPT ON CN21 BORDERS, AS INDICATED IN GERBER

6. SPECIFIED STANDARDS:

- IPC-6011 CLASS 2 / IPC-6012 CLASS 2 / IPC-A-600 CLASS 2

7. ADDITIONAL NOTES:

- DIMENSIONAL TOLERANCE: +/- 0.2 mm
- ELECTRICAL TESTS ARE MANDATORY
- GERBER MODIFICATIONS ARE ONLY ALLOWED WITH EXPLICIT AUTHOR / RESPONSIBLE AUTHORIZATION



