

## Cypress CYV15G0403DXB HOTLink II Video Demonstration Board

February 25, 2004

Board size: 6" x 8"

Thickness: 84 +0/-2 mil

Material: FR-408

Solder mask: LPI, both sides

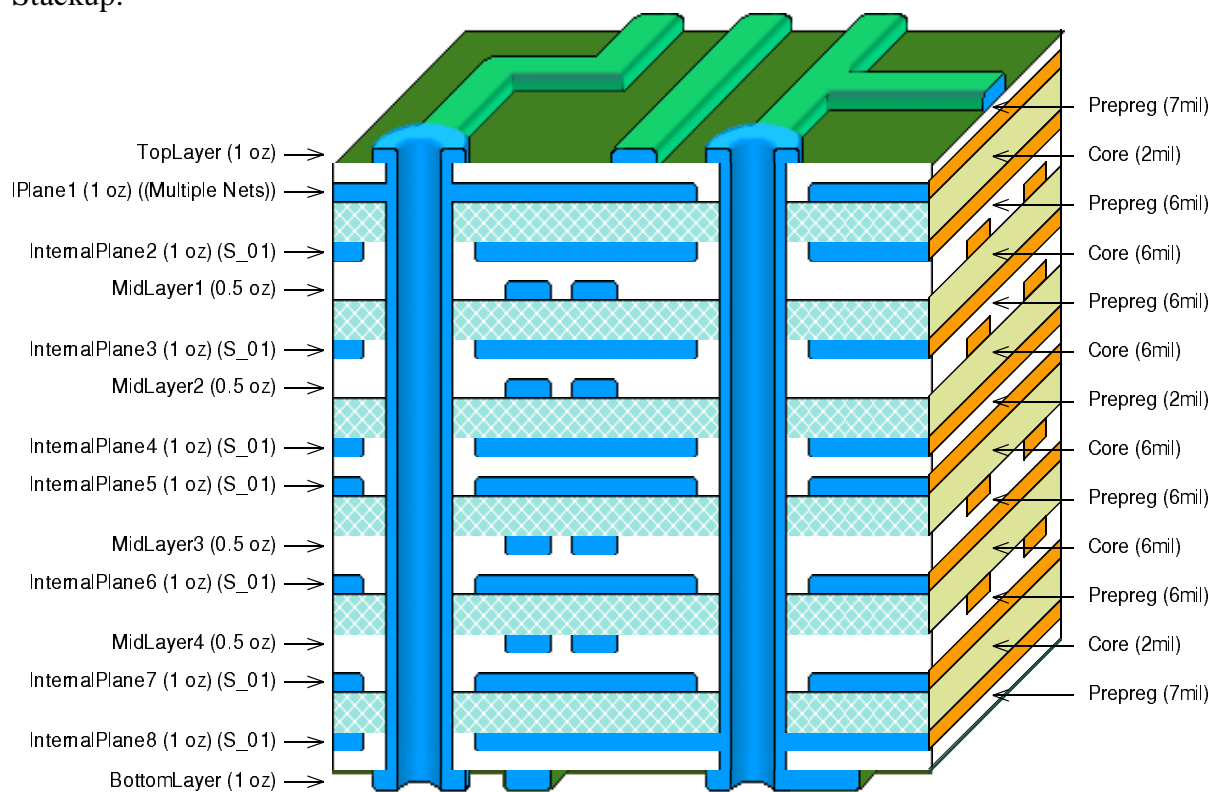
Silkscreen: white, both sides

Hot air solder level (SMOBC): yes

Bare board test: yes

Commercial quality

Stackup:



- we don't care which dielectric layers are core and which are prepreg
- 5.067mil traces on MidLayer1 and MidLayer4 should have 50 ohm characteristic impedance
- 12.343mil traces on TopLayer and BottomLayer should have 50 ohm characteristic impedance
- 5.564mil traces on TopLayer and BottomLayer should have 75 ohm characteristic impedance
- pair of 13.59mil traces on TopLayer should have 90 ohm differential impedance

**Contents of molson20040223.zip:**

|               |                     |         |
|---------------|---------------------|---------|
| MolsonPCB.DRL | Excellon drill file | binary  |
| MolsonPCB.DRR | NC drill report     | text    |
| MolsonPCB.G1  | MidLayer1           | RS274-X |
| MolsonPCB.G2  | MidLayer2           | RS274-X |
| MolsonPCB.G3  | MidLayer3           | RS274-X |
| MolsonPCB.G4  | MidLayer4           | RS274-X |
| MolsonPCB.GBL | BottomLayer         | RS274-X |
| MolsonPCB.GBO | BottomOverlay       | RS274-X |
| MolsonPCB.GBP | BottomPaste         | RS274-X |
| MolsonPCB.GBS | BottomSolder        | RS274-X |
| MolsonPCB.GP1 | InternalPlane1      | RS274-X |
| MolsonPCB.GP2 | InternalPlane2      | RS274-X |
| MolsonPCB.GP3 | InternalPlane3      | RS274-X |
| MolsonPCB.GP4 | InternalPlane4      | RS274-X |
| MolsonPCB.GP5 | InternalPlane5      | RS274-X |
| MolsonPCB.GP6 | InternalPlane6      | RS274-X |
| MolsonPCB.GP7 | InternalPlane7      | RS274-X |
| MolsonPCB.GP8 | InternalPlane8      | RS274-X |
| MolsonPCB.GTL | TopLayer            | RS274-X |
| MolsonPCB.GTO | TopOverlay          | RS274-X |
| MolsonPCB.GTP | TopPaste            | RS274-X |
| MolsonPCB.GTS | TopSolder           | RS274-X |
| MolsonPCB.TXT | Excellon drill file | text    |

There are four unplated 156mil tooling holes.