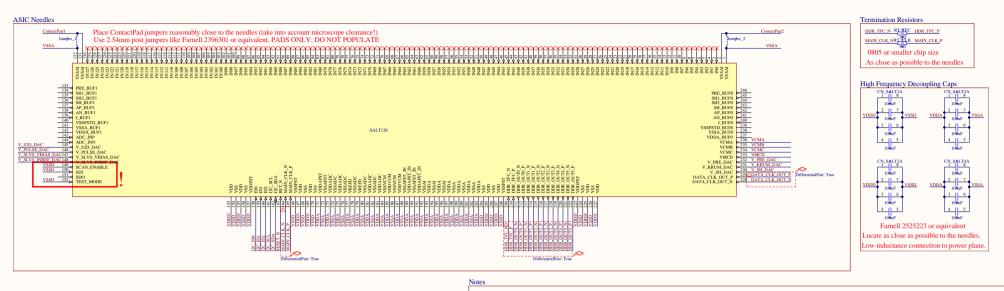
PRELIMINARY, SUBJECT TO CHANGES

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Location: not critical, but close to needles SAMTEC VHDCR-68-01-M-RA Or equivalent Pin swapping is negotiable to ease routing 1 Group of RED and GREEN

Lines marked as differential pairs must have 100 Ohm +/-10% differential impedance.

Vias and stubs should be avoided.

Solid continuous VSSD copper planes under them are required. (Also over them if stripline approach used) Desired bandwidth > 960 MHz

Power lines are: VDDA, VSSA, VDDD, VSSD (A for Analogue, D for Digital) Solid planes are requested. Powering through a single line is not acceptable.

One layer per signal is prefered

35um copper thickness prefered

Review Power Supply Pin Assignments Review Scan Enable, Test Mode, SDI, SDO, ... Review Decoupling Network Review Unused pads

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