

ECO-PA-0102-01-0001

NOTE THIS EDIT IS REQUIRED TO CREATE 50MHz HYDRA

Hydra PCB Changes

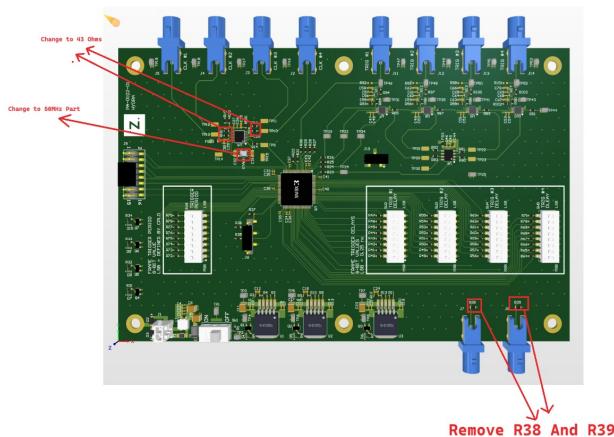
Follow the instructions to convert the PA-0102-01(Standard Hydra Asembly) to a 50MHz Hydra system.

Change 1 : Change the clock lines resistance to 43 Ohms. R15,R16,R17,R18 to 43 Ohms.

(can be avoided) Change 2 : Modify the crystal at position XTAL_1 to ECS-500-18-33-AGM-TR. which is a 50MHz crystal oscillator.

Change 3 : Remove the Resistors at position R38 and R39.

Change 4 : Change the crystal Loading capacitors to 36pF. Designators of caps are C31 & C32.



STANDARD ELECTRICAL SHORT JUMPER J10
MUST BE BETWEEN PIN 1 & 2

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File: ECO-PA-0102-01-0002.kicad_sch

Title:

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KiCad E.D.A. 8.0.3

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Id: 3/3