

1

2

3

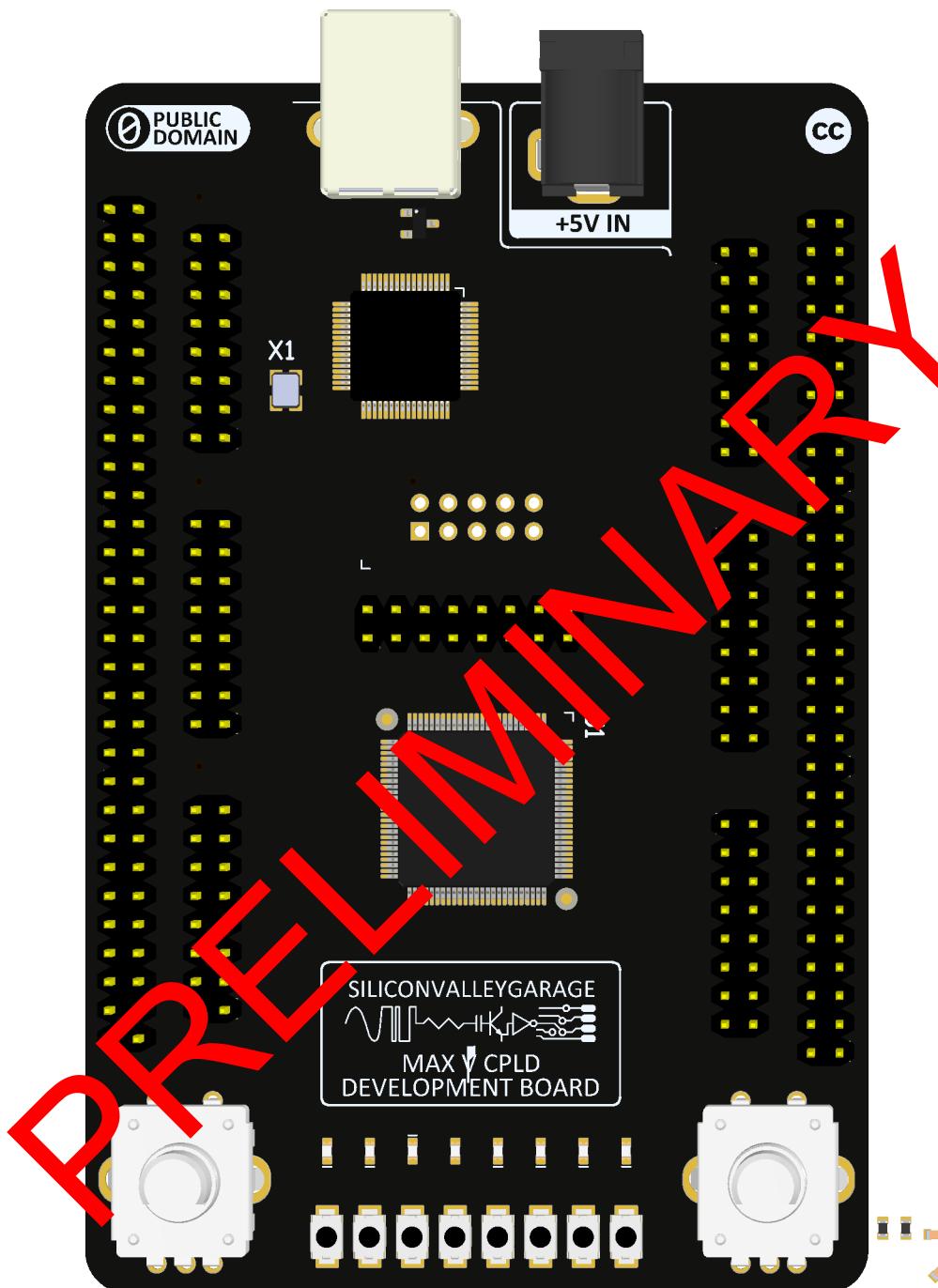
4

5

6

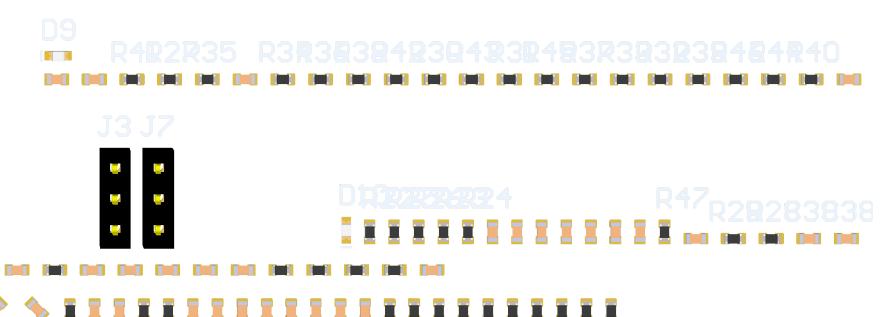
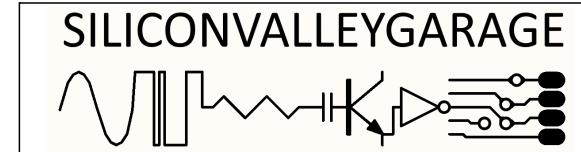
CPLD-V.PrjPcb

Realistic View



Document Creation Date: 11/11/2025

Design : Vincent Himpe



A Breakout Board for ALTERA 5MXXV in TQFP100 package.

A Features :

On-board USB programmer with external target mode (usb blaster compatible pinning).

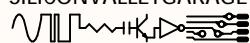
Programmer directly supported in Altera Quartus environment 32/64 bit

Side channel in 245 Async mode for communication with PC application

B 48 GPIO pin on standard headers for breadboard / dupont style connectors.
Each I/O has extra pin for logic probe

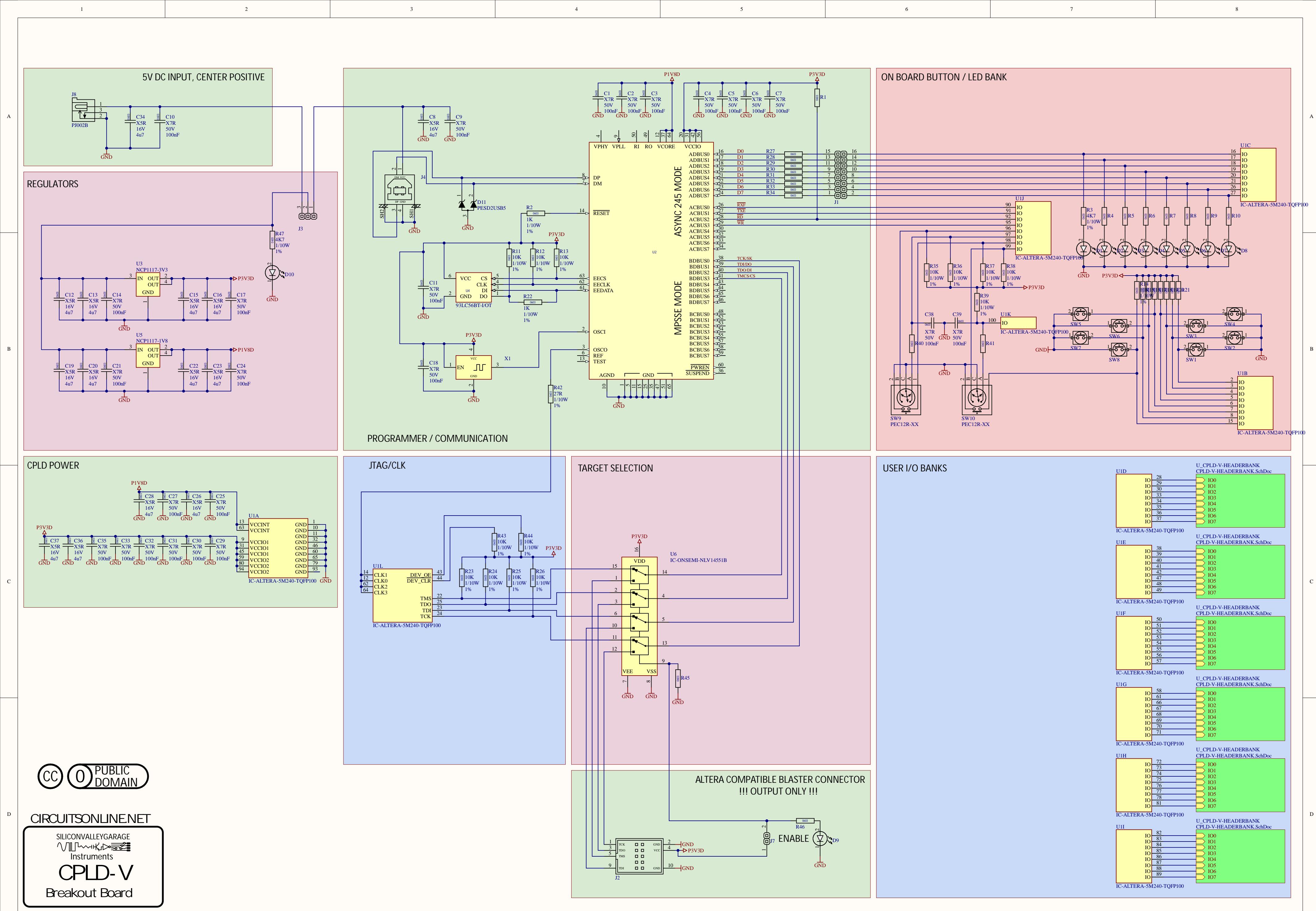


C CIRCUITSONLINENET

SILICONVALLEYGARAGE

Instruments

CPLD-V

Breakout Board



A

A

B

B

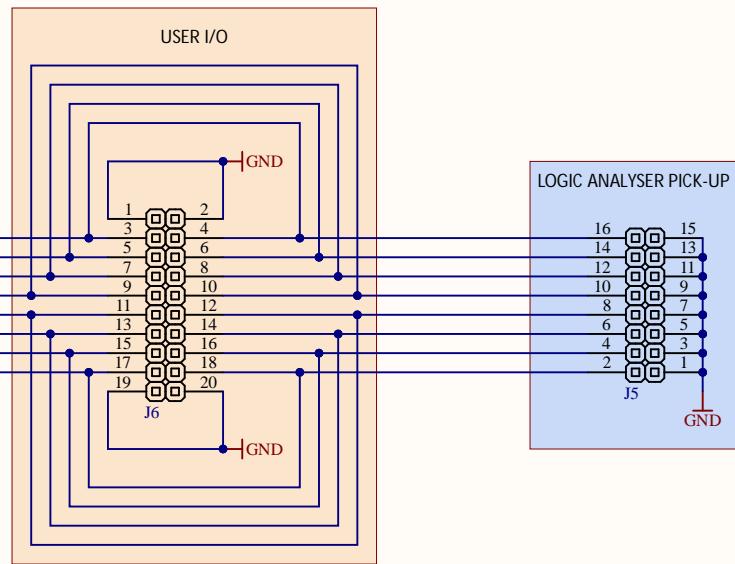
C

C

D

D

CPLD-V MAIN[8C]
IO0
CPLD-V MAIN[8C]
IO1
CPLD-V MAIN[8C]
IO2
CPLD-V MAIN[8C]
IO3
CPLD-V MAIN[8C]
IO4
CPLD-V MAIN[8C]
IO5
CPLD-V MAIN[8C]
IO6
CPLD-V MAIN[8C]
IO7



SILICONVALLEYGARAGE
Instruments

CPLD-V
Breakout Board