

Sheet: /TMS570LC43x_LaunchPAD_Connector2/
File: Connector2.kicad_sch

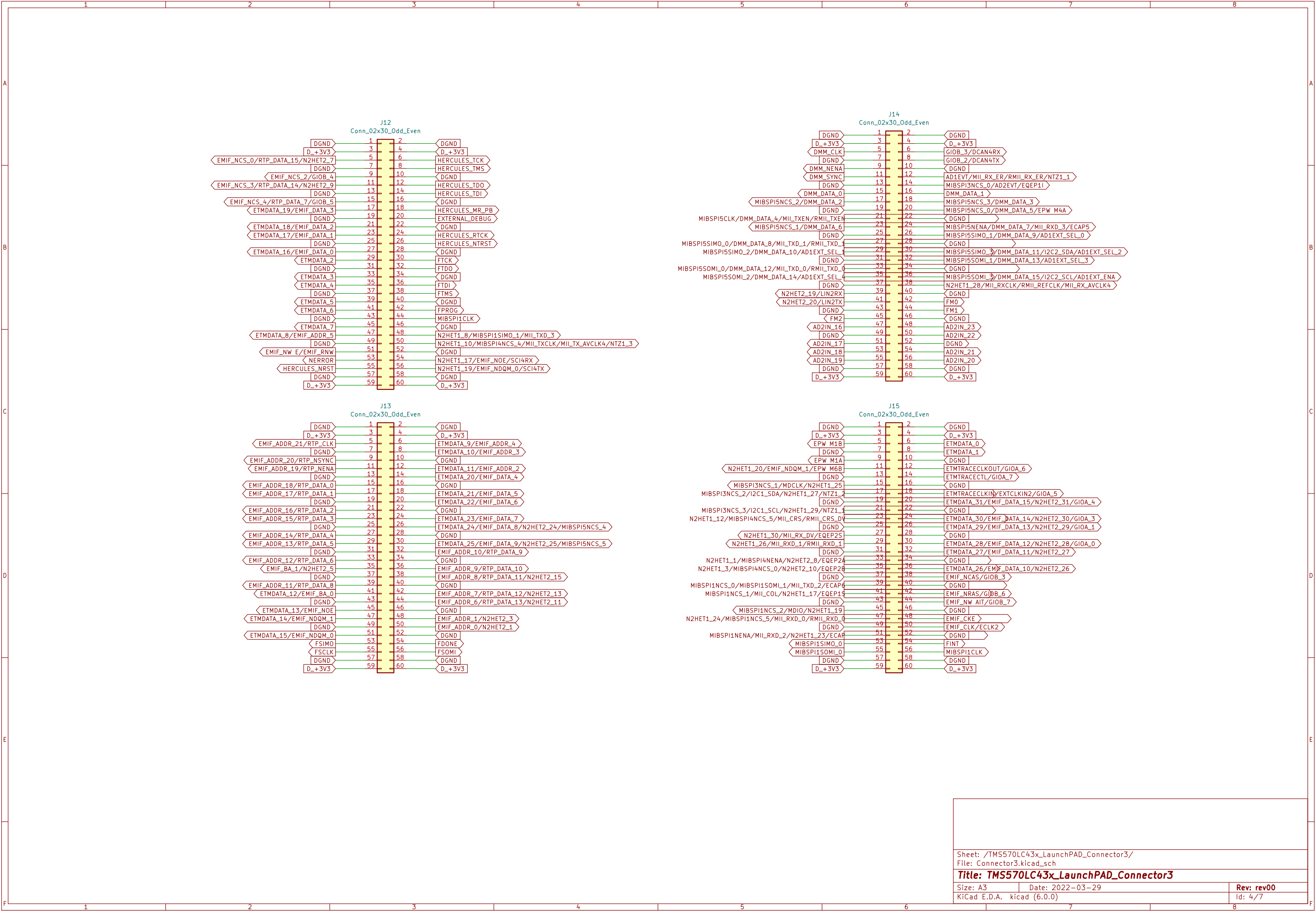
Title: TMS570LC43x_LaunchPAD_Connector2

Size: A4 Date: 2022-03-28

KiCad E.D.A. kicad (6.0.0)

Rev: rev00

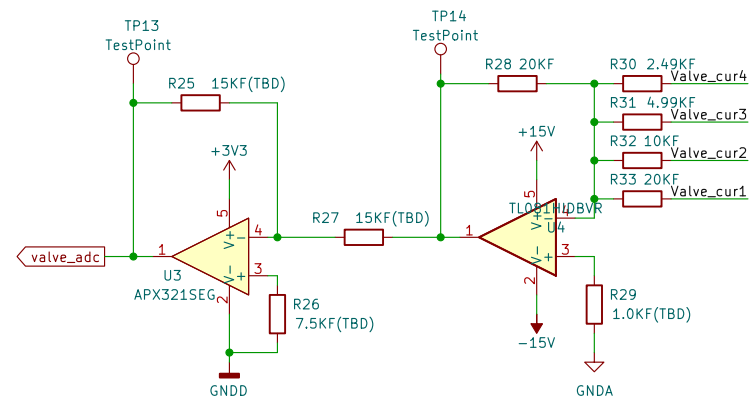
Id: 3/7



*Log
R21-R24 : current sensing resistor
Valve Current = 64.39mA ~ 83.33mA
sensing volt = 0.321V ~ 0.416V(typ.0.35V)
resistor watt = $83.33^2(\text{mA}) \times 5 = 34.72\text{mW}$
TBD will be fixed after test

Valve ID
Valve1 = V1
Valve2 = 2V1
Valve3 = 4V1
Valve4 = 8V1
Vave ID Max = 2.31V

Valve1+ 1
Valve1- 2
Valve2+ 3
Valve2- 4
Valve3+ 5
Valve3- 6
Valve4+ 7
Valve4- 8
Screw_Terminal_01x08



Sheet: /Actuator_Valve_Drive/
File: Actuator_Valve_Drive.kicad_sch

Title: Actuator_Valve_Drive

Size: A4 Date: 2022-03-28

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Rev: rev02

Id: 5/7

