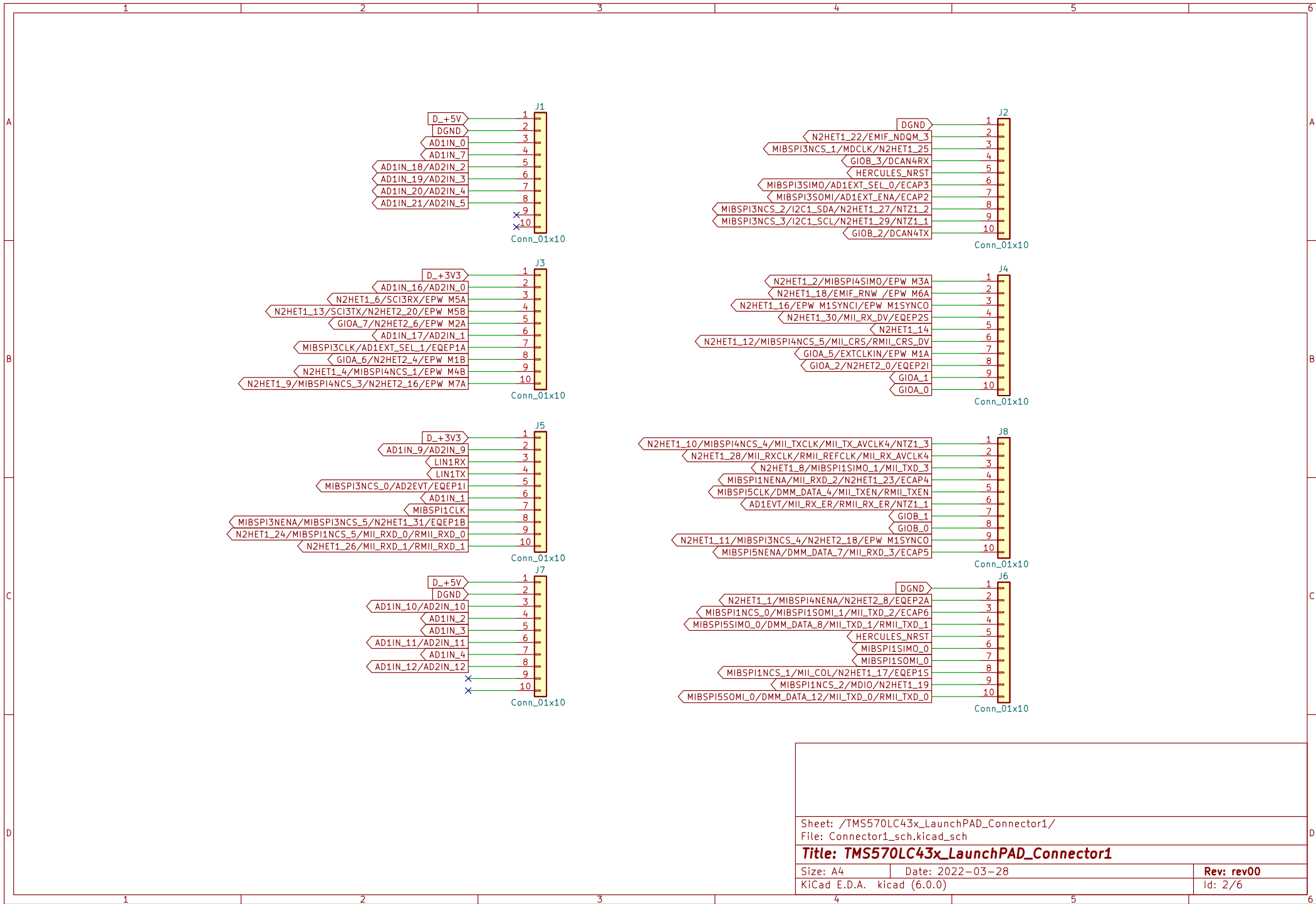


Sheet: /		
File: Controller.kicad_sch		
Title: Controller_sch_root		
Size: A4	Date: 2022-03-28	Rev: rev00
KiCad E.D.A. kicad (6.0.0)		Id: 1/6



Sheet: /TMS570LC43x_LaunchPAD_Connector1/
File: Connector1_sch.kicad_sch

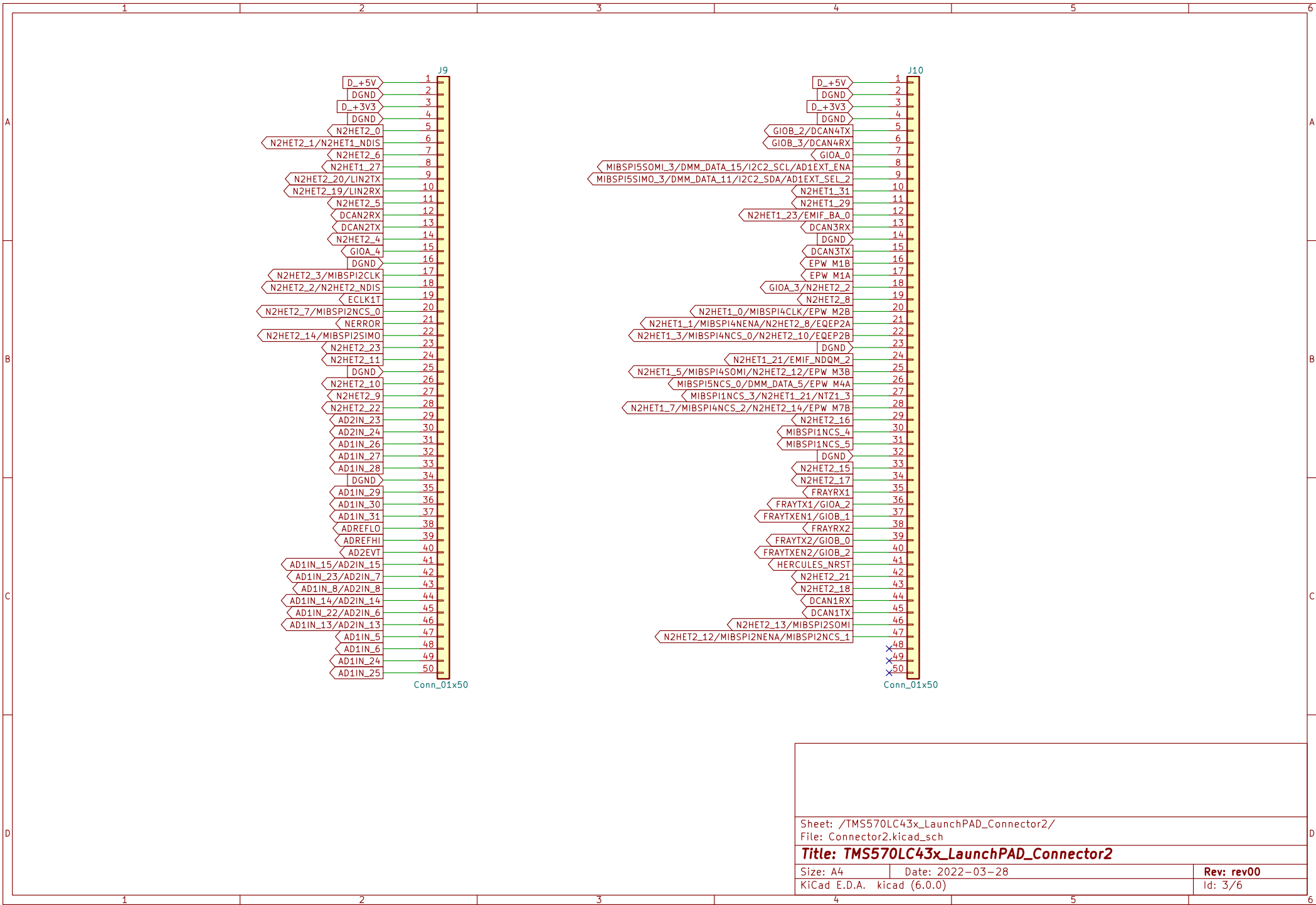
Title: TMS570LC43x_LaunchPAD_Connector1

Size: A4 Date: 2022-03-28

KiCad E.D.A. kicad (6.0.0)

Rev: rev00

Id: 2/6



Sheet: /TMS570LC43x_LaunchPAD_Connector2/
File: Connector2.kicad_sch

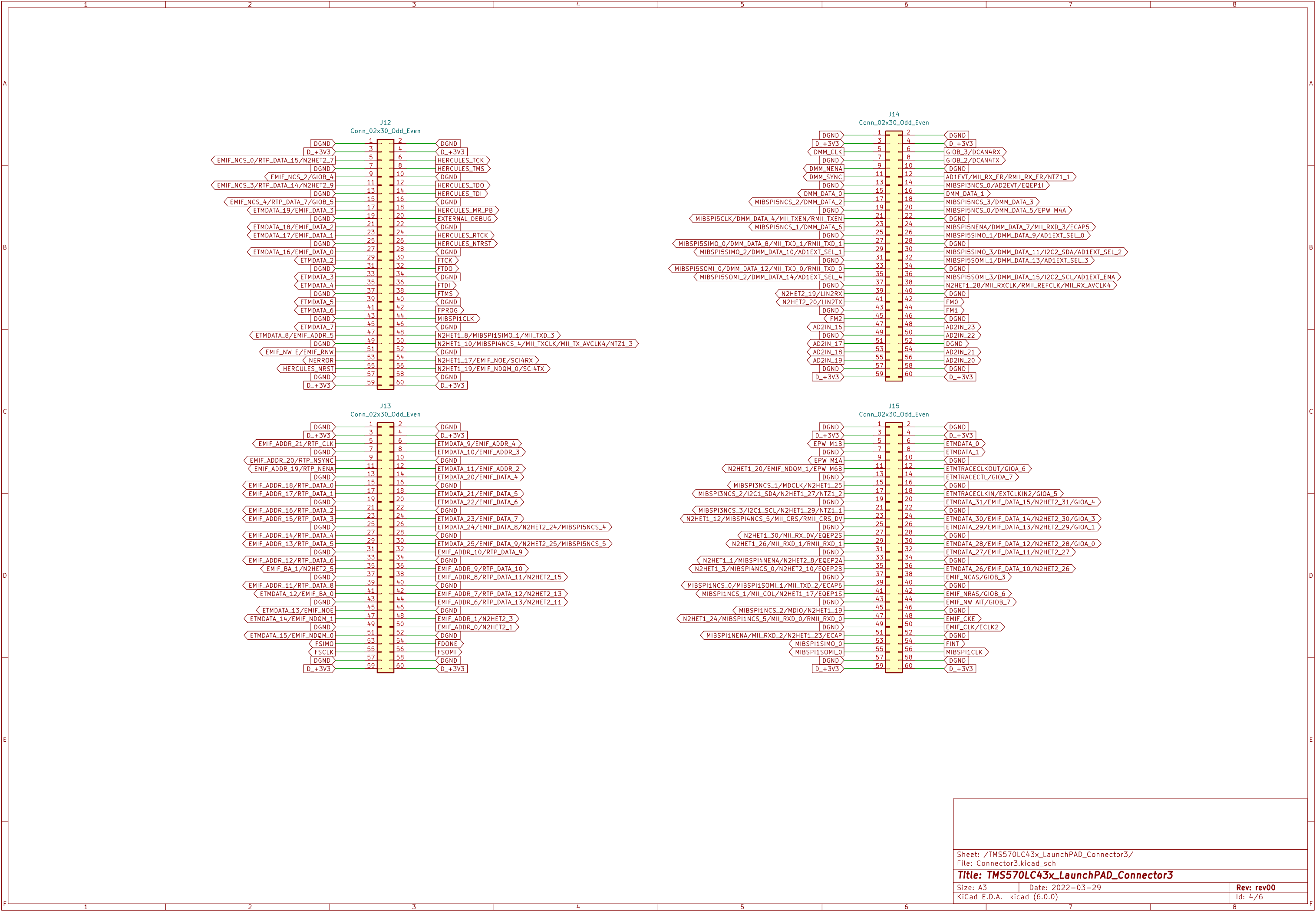
Title: TMS570LC43x_LaunchPAD_Connector2

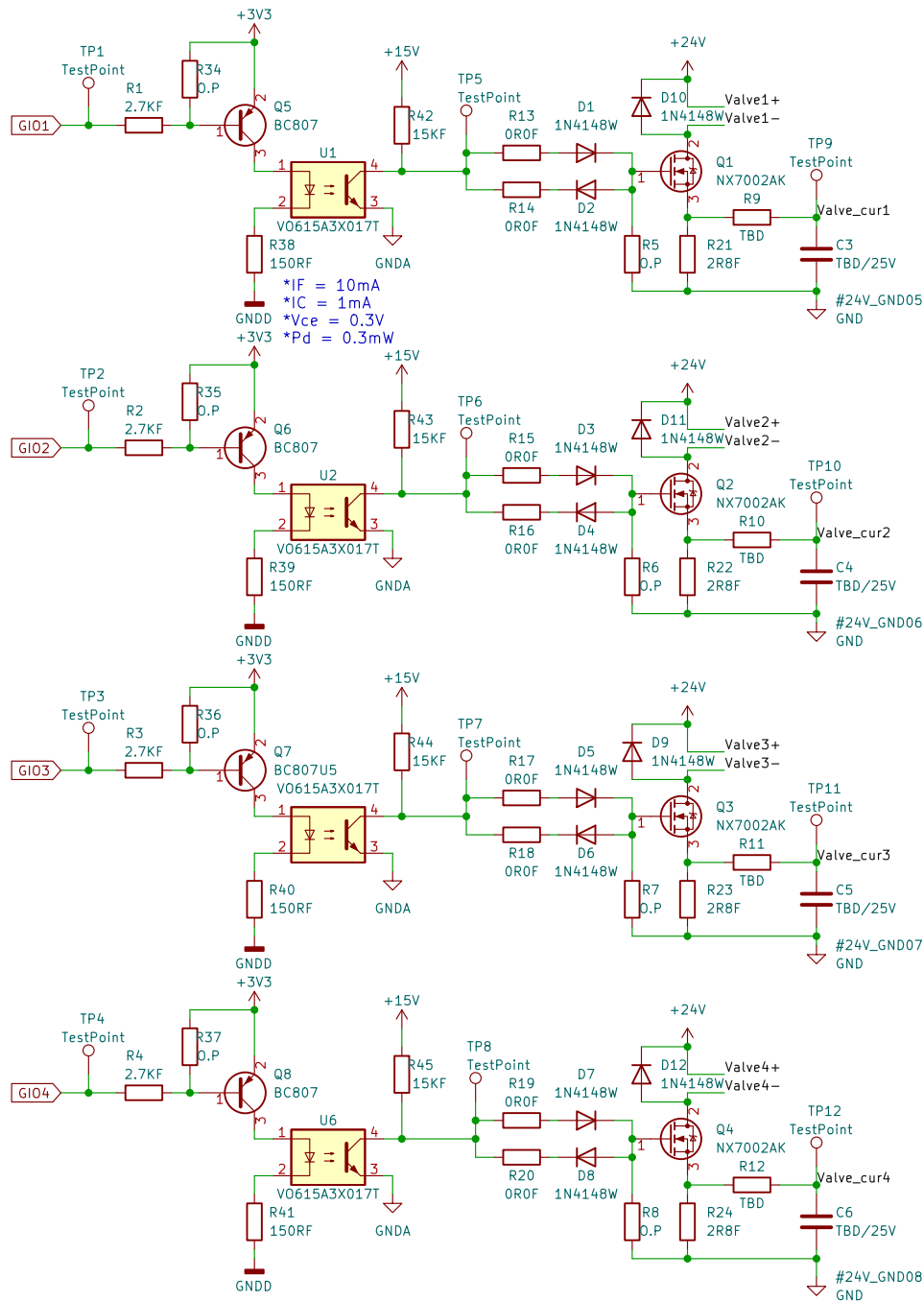
Size: A4 Date: 2022-03-28

KiCad E.D.A. kicad (6.0.0)

Rev: rev00

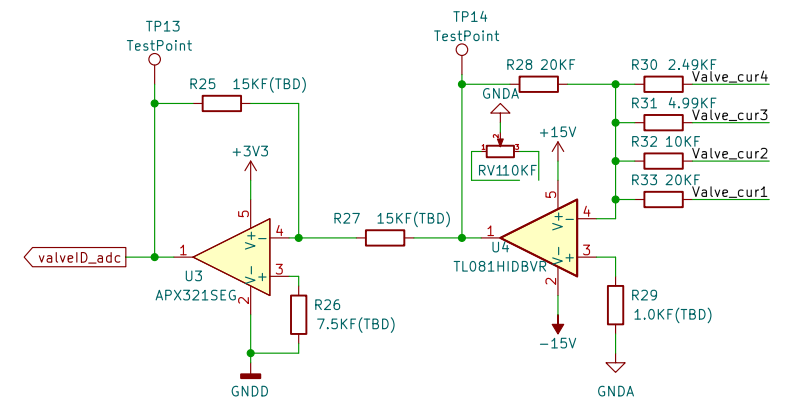
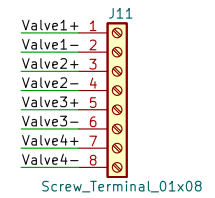
Id: 3/6





*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 = 3V



Sheet: /Actuator_Drive/
 File: Actuator_Drive.kicad_sch

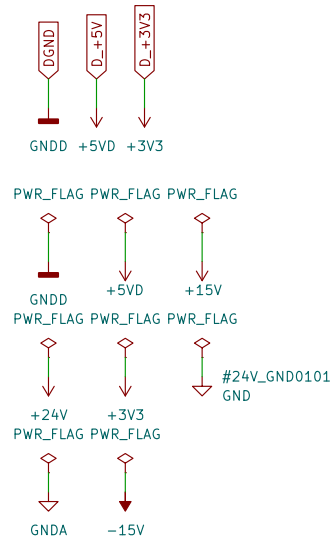
Title: Actuator_Drive

Size: A4 Date: 2022-03-28

KiCad E.D.A. kicad (6.0.0)

Rev: rev02

Id: 5/6



Sheet: /ControllerPower/		
File: ControllerPower.kicad_sch		
Title: ControllerPower		
Size: A4	Date: 2022-03-29	Rev: rev00
KiCad E.D.A. kicad (6.0.0)		Id: 6/6