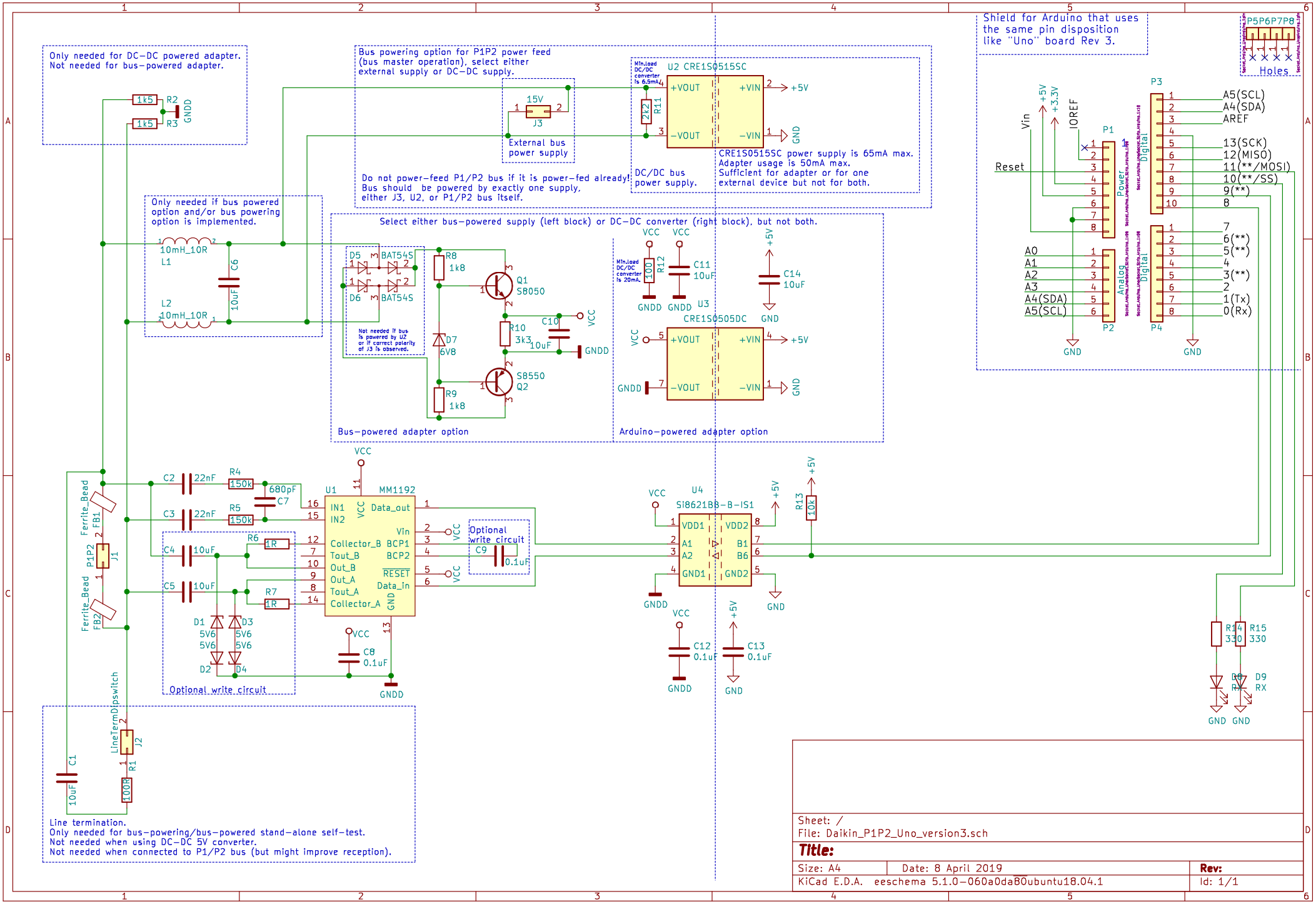
Only needed for DC-DC powered adapter.
Not needed for bus-powered adapter.
Bus powering option for P1P2 power feed (bus master operation), select either external supply or DC-DC supply.
External bus power supply
DC/DC bus power supply.
U2 CRE1S0515SC
CRE1S0515SC power supply is 65mA max.
Adapter usage is 50mA max.
Sufficient for adapter or for one external device but not for both.
Do not power-feed P1/P2 bus if it is power-fed already!
Bus should be powered by exactly one supply, either J3, U2, or P1/P2 bus itself.
Shield for Arduino that uses the same pin disposition like "Uno" board Rev 3.
Holes
Only needed if bus powered option and/or bus powering option is implemented.
Select either bus-powered supply (left block) or DC-DC converter (right block), but not both.
Not needed if bus is powered by U2 or if correct polarity of J3 is observed.
U3 CRE1S0505DC
Bus-powered adapter option
Arduino-powered adapter option
U1 MM1192
U4 Si8621BB-B-IS1
Optional write circuit
Optional write circuit
Line termination.
Only needed for bus-powering/bus-powered stand-alone self-test.
Not needed when using DC-DC 5V converter.
Not needed when connected to P1/P2 bus (but might improve reception).
Sheet: /
File: Daikin_P1P2_Uno_version3.sch
Title:
Size: A4
Date: 8 April 2019
Rev:
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