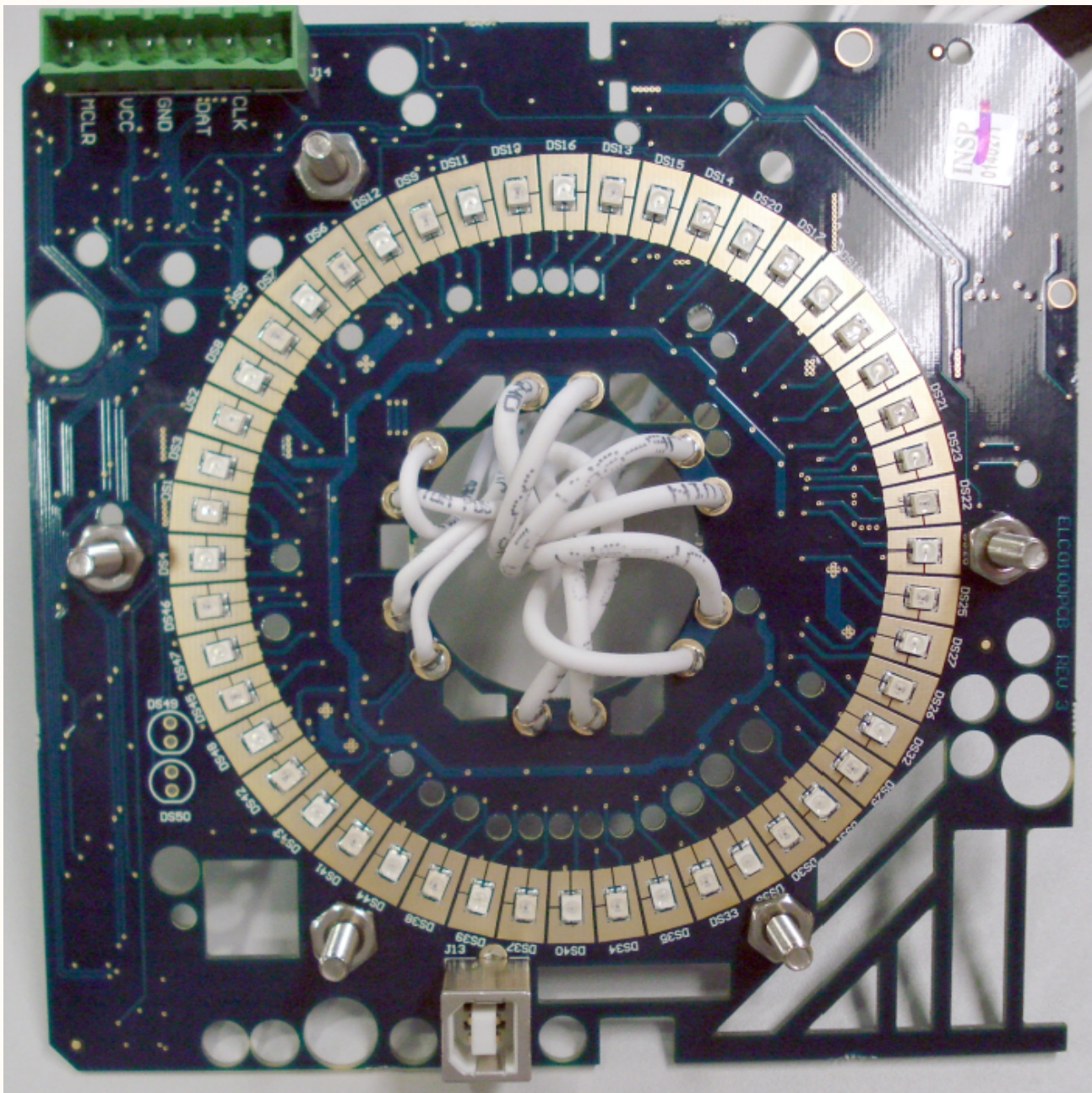# NEOS Slave Board Wiring

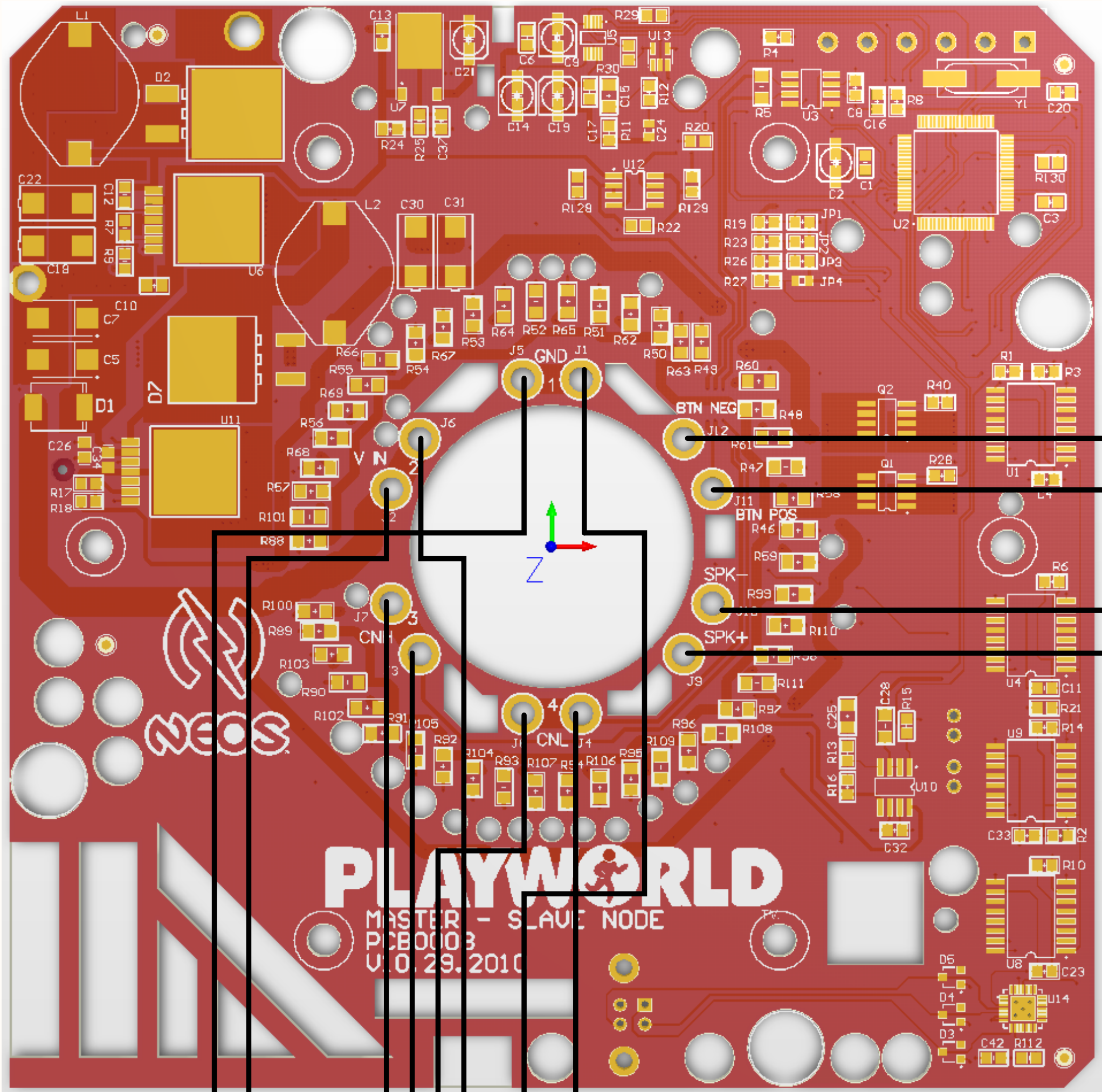## Notes

-All wires are 18" in Length

-Wires are to be soldered from the top side of the PCB and fed back through the center circular cutout

-CAN wiring is to be 12AWG fine stranded wire

-Button and speaker wiring is 16AWG fine stranded wire

-Connector housings are Deutsch IPD waterproof DT series connectors

-All wiring need to be labeled according to pinout descriptions next to connector housing drawings

-Wire color should be white for all connections
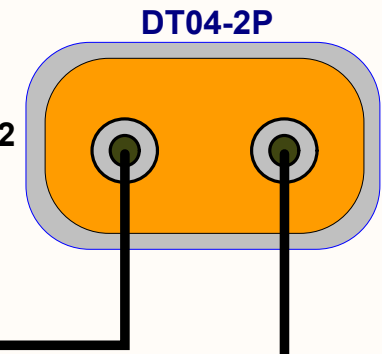
-Wire bundles should be zip-tied every 3"

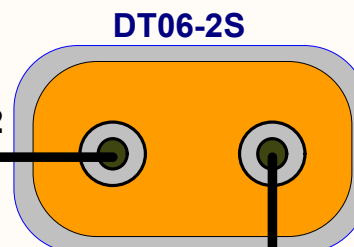## PCB Bottom View [Wiring Feedthrough]
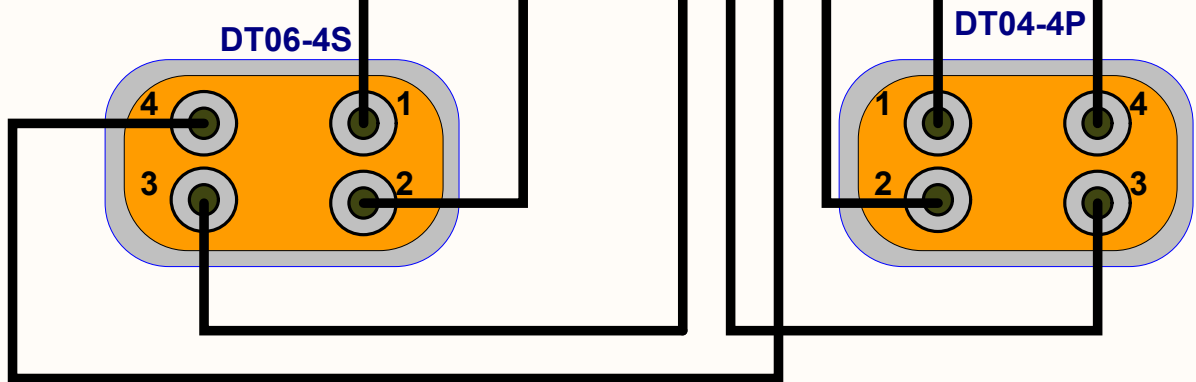

PCB Top View

Button Connector

DT04-2P

Button Connector Pinout

Pin #	Function
1	BTN POS
2	BTN NEG

DT06-2S

Speaker Connector Pinout

Pin #	Function
1	SPK+
2	SPK-

Speaker Connector

Male/Female CAN Connectors

DT06-4S

DT04-4P

CAN Connector Pinout

Pin #	Function
1	GND
2	VIN
3	CANH
4	CANL