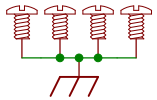
Buttonwall IP controller

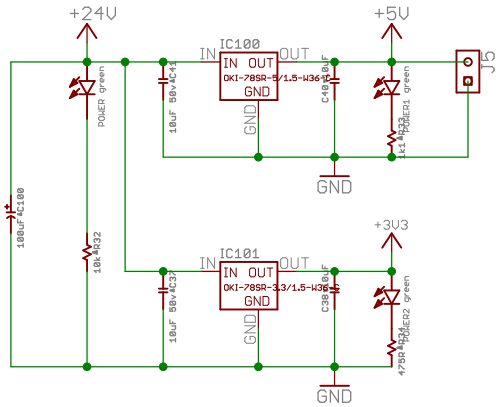
Hardware



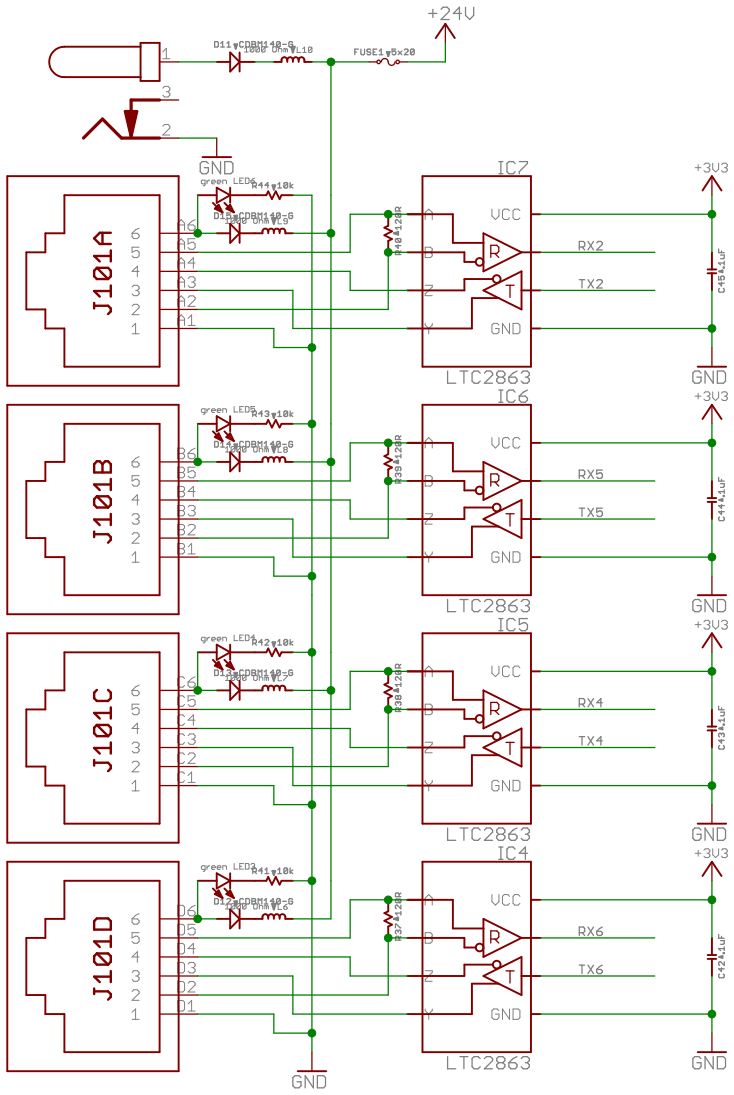
external parts

PH1	QTY = 1	1A fuse
PH2	QTY = 2	10x1 housing
PH3	QTY = 22	contact for c-grid 22-24awg gold
PH4	QTY = 4	RJ-12 plug
PH5	QTY = 1	RJ-12 wire
PH6	QTY = 1	2x1 housing
PH7	QTY = 1	2x8 ribbon cable

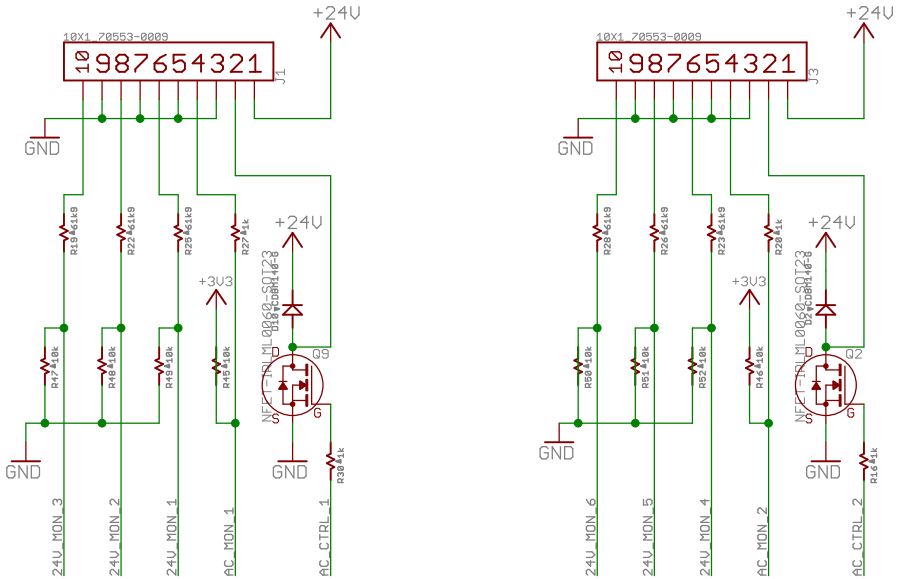
Voltage regulators



Power and Serial connections

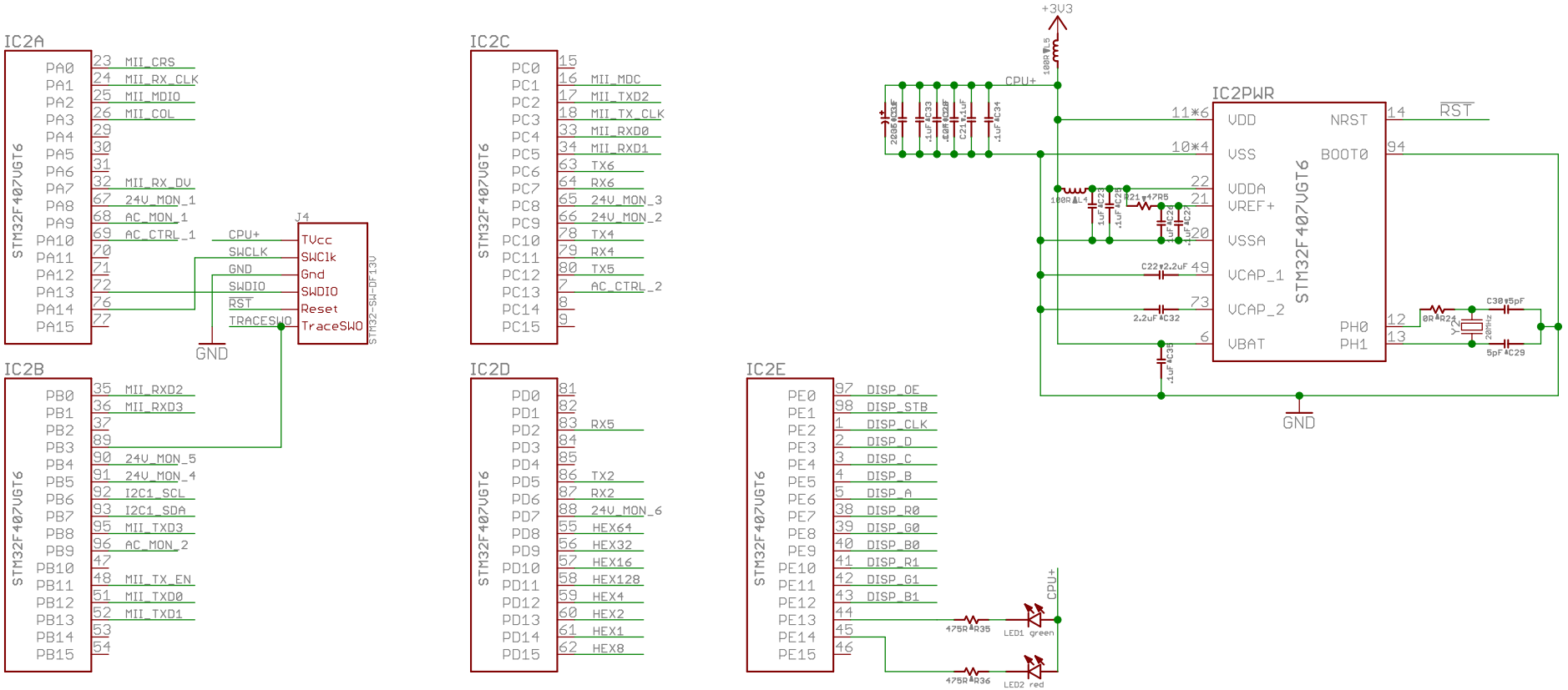


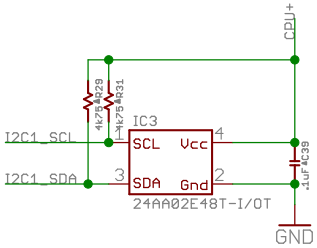
Power monitoring and control connections



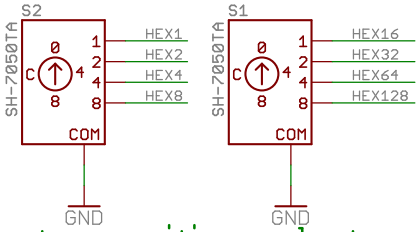
Buttonwall IP controller

CPU

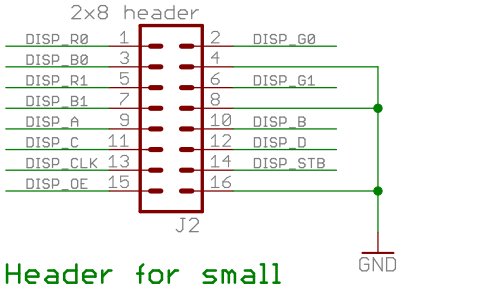




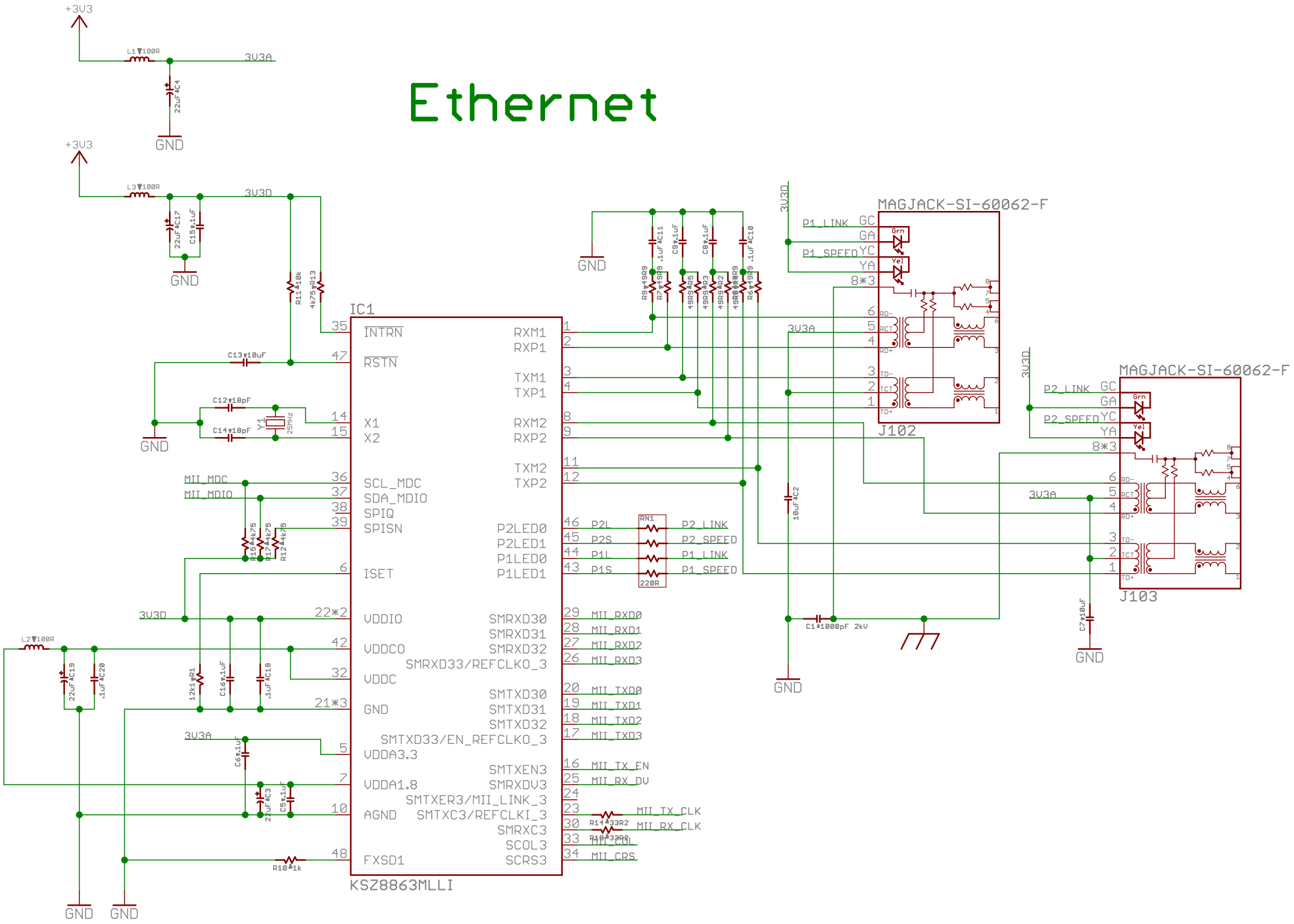
Unique ID chip
(not used)



System position selector
Controls IP/MAC and function
(LEDs vs Power Control Box))



Header for small
LED matrix used for testing

Buttonwall IP controller

Ethernet