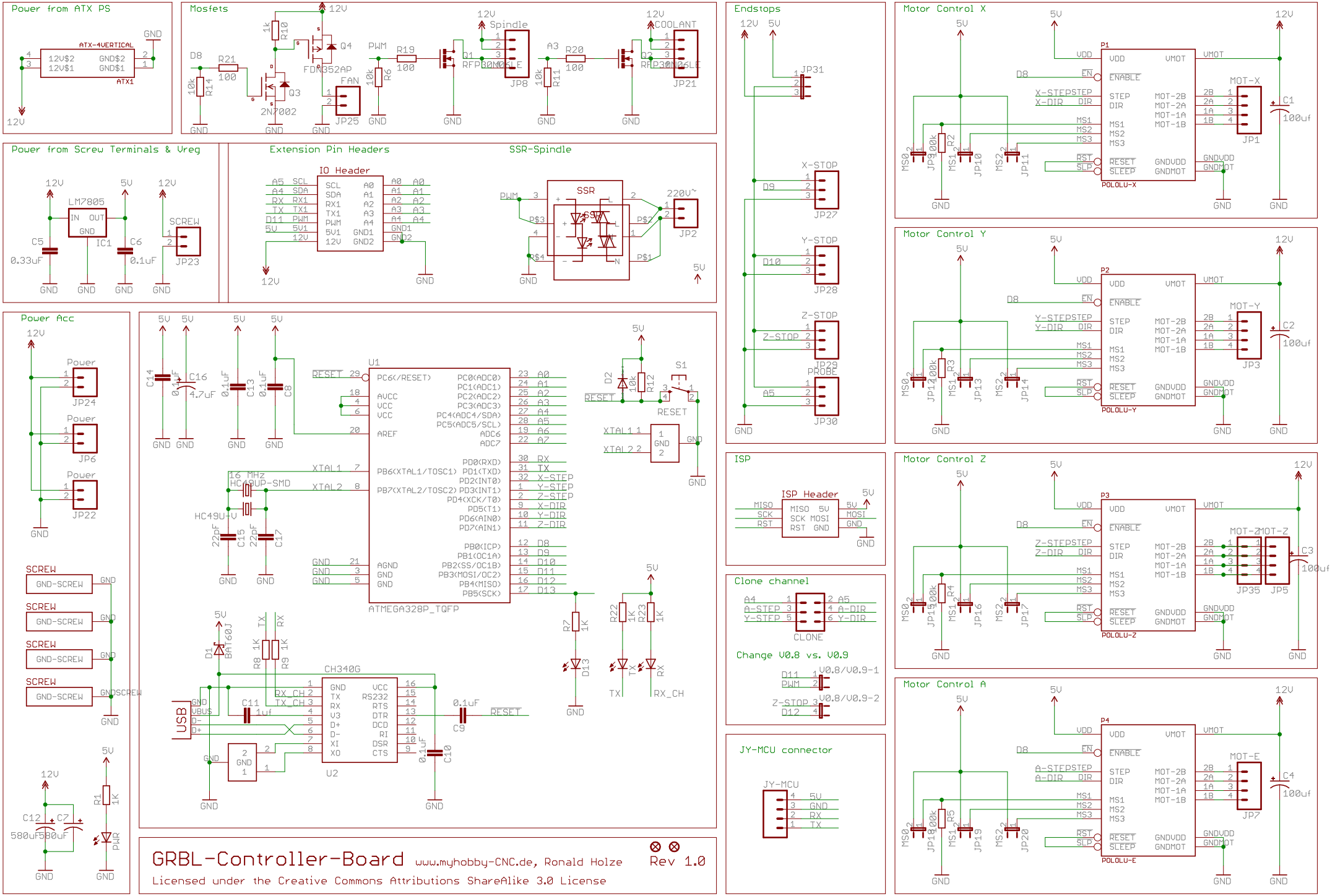
Power from ATX PS
ATX-4VERTICAL
ATX1
Mosfets
FDP3652AP
2N7002
FAN
JP25
Spindle
JP8
COOLANT
JP21
Power from Screw Terminals & Vreg
LM7805
IC1
SCREW
JP23
Extension Pin Headers
IO Header
SSR-Spindle
SSR
220V~
JP2
Power Acc
JP24
JP6
JP22
GND-SCREW
ATMEGA328P_TQFP
U1
CH340G
U2
USB
BAT60J
16 MHz
HC49UP-SMD
ISP
ISP Header
Clone channel
CLONE
Change V0.8 vs. V0.9
JY-MCU connector
JY-MCU
Endstops
X-STOP
Y-STOP
Z-STOP
PROBE
Motor Control X
Motor Control Y
Motor Control Z
Motor Control A
POLOLU-X
POLOLU-Y
POLOLU-Z
POLOLU-E
MOT-X
MOT-Y
MOT-Z
MOT-E
GRBL-Controller-Board
www.myhobby-CNC.de, Ronald Holze
Rev 1.0
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