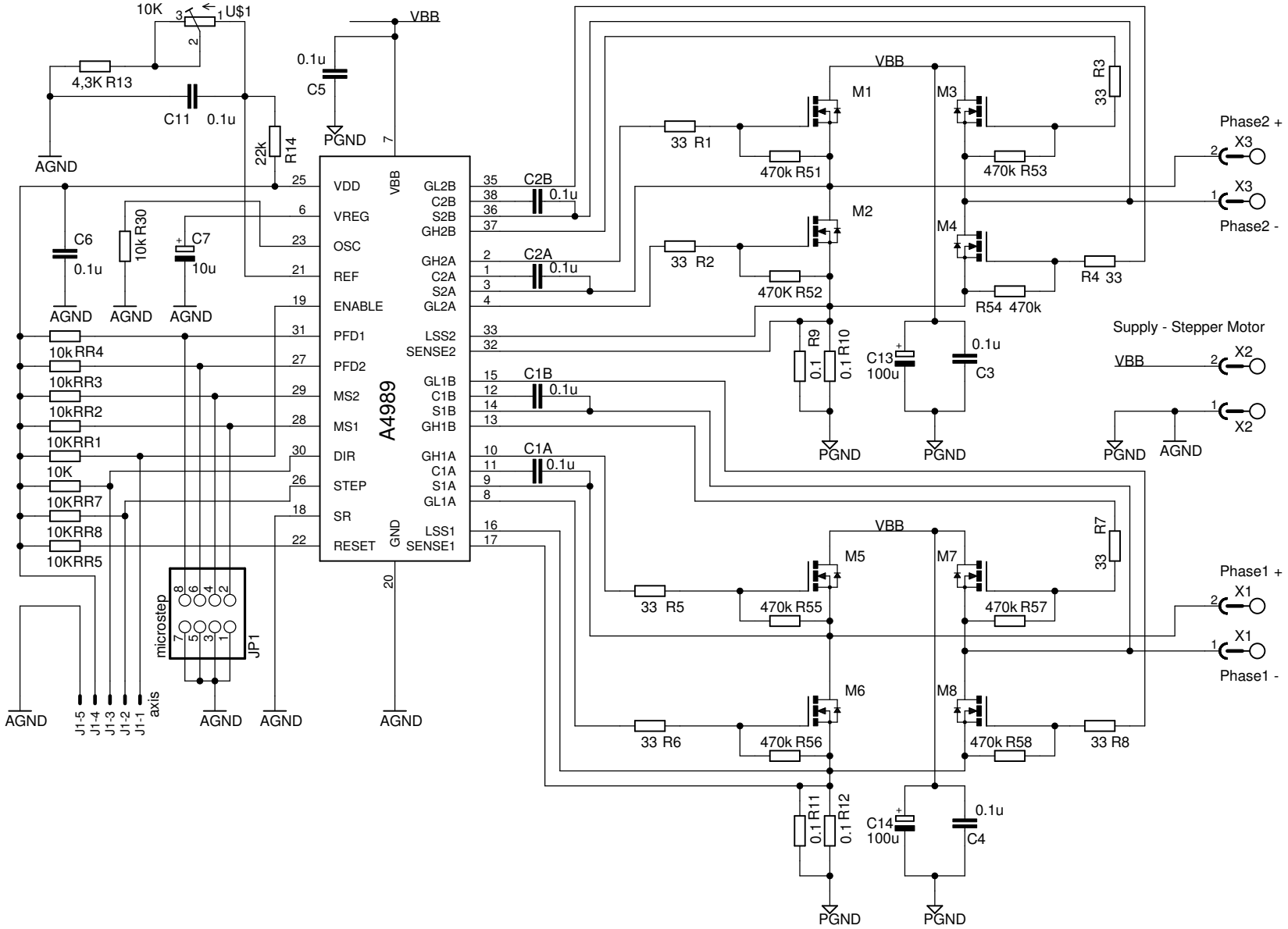

10K
U$1
4,3K R13
C11 0.1u
22k R14
AGND
VBB
0.1u C5
PGND
A4989
VDD
VREG
OSC
REF
ENABLE
PFD1
PFD2
MS2
MS1
DIR
STEP
SR
RESET
VBB
GND
GL2B
C2B
S2B
GH2B
GH2A
C2A
S2A
GL2A
LSS2
SENSE2
GL1B
C1B
S1B
GH1B
GH1A
C1A
S1A
GL1A
LSS1
SENSE1
C6 0.1u
10k R30
C7 10u
10k RR4
10kRR3
10kRR2
10KRR1
10K
10KRR7
10KRR8
10KRR5
microstep
JP1
J1-5
J1-4
J1-3
J1-2
J1-1
axis
C2B 0.1u
C2A 0.1u
C1B 0.1u
C1A 0.1u
M1
M2
M3
M4
M5
M6
M7
M8
33 R1
33 R2
33 R3
33 R4
33 R5
33 R6
33 R7
33 R8
470k R51
470K R52
470k R53
R54 470k
470k R55
470k R56
470k R57
470k R58
R9 0.1
R10 0.1
R11 0.1
R12 0.1
C13 100u
C3 0.1u
C14 100u
C4 0.1u
Phase2 +
X3
Phase2 -
Supply - Stepper Motor
X2
Phase1 +
X1
Phase1 -