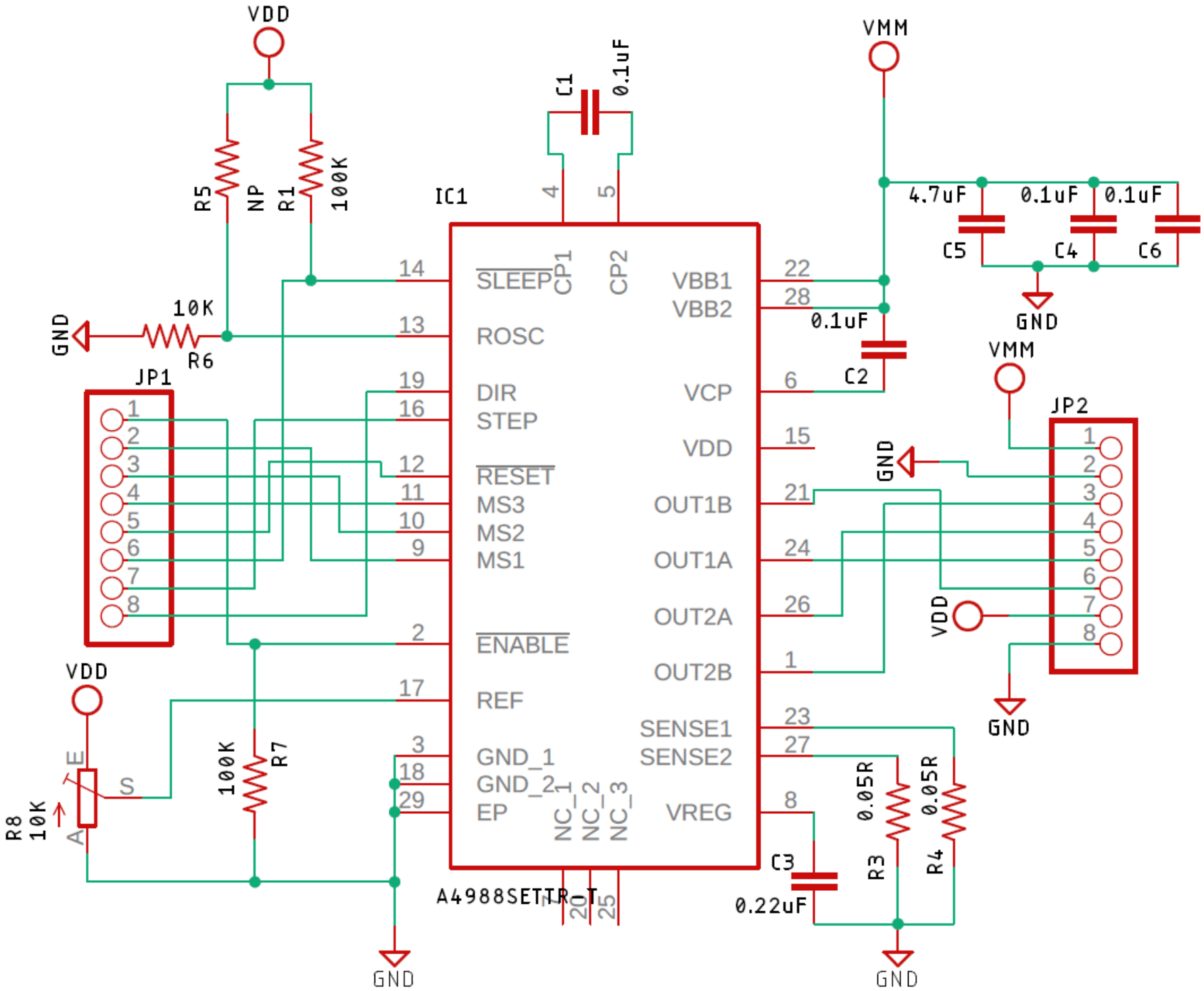
VDD
R5
NP
R1
100K
C1
0.1uF
IC1
4
5
VMM
4.7uF
0.1uF
0.1uF
C5
C4
C6
GND
14
SLEEP
CP1
CP2
VBB1
VBB2
22
28
0.1uF
C2
GND
10K
R6
13
ROSC
JP1
19
DIR
VCP
6
VMM
JP2
16
STEP
15
VDD
GND
12
RESET
21
11
MS3
OUT1B
10
MS2
24
9
MS1
OUT1A
26
OUT2A
VDD
2
ENABLE
1
OUT2B
VDD
17
REF
23
SENSE1
27
SENSE2
3
GND_1
18
GND_2
29
EP
NC_1
NC_2
NC_3
VREG
8
100K
R7
R8
10K
E
S
A
0.05R
R3
0.05R
R4
C3
0.22uF
A4988SETTR-T
7
20
25
GND
GND