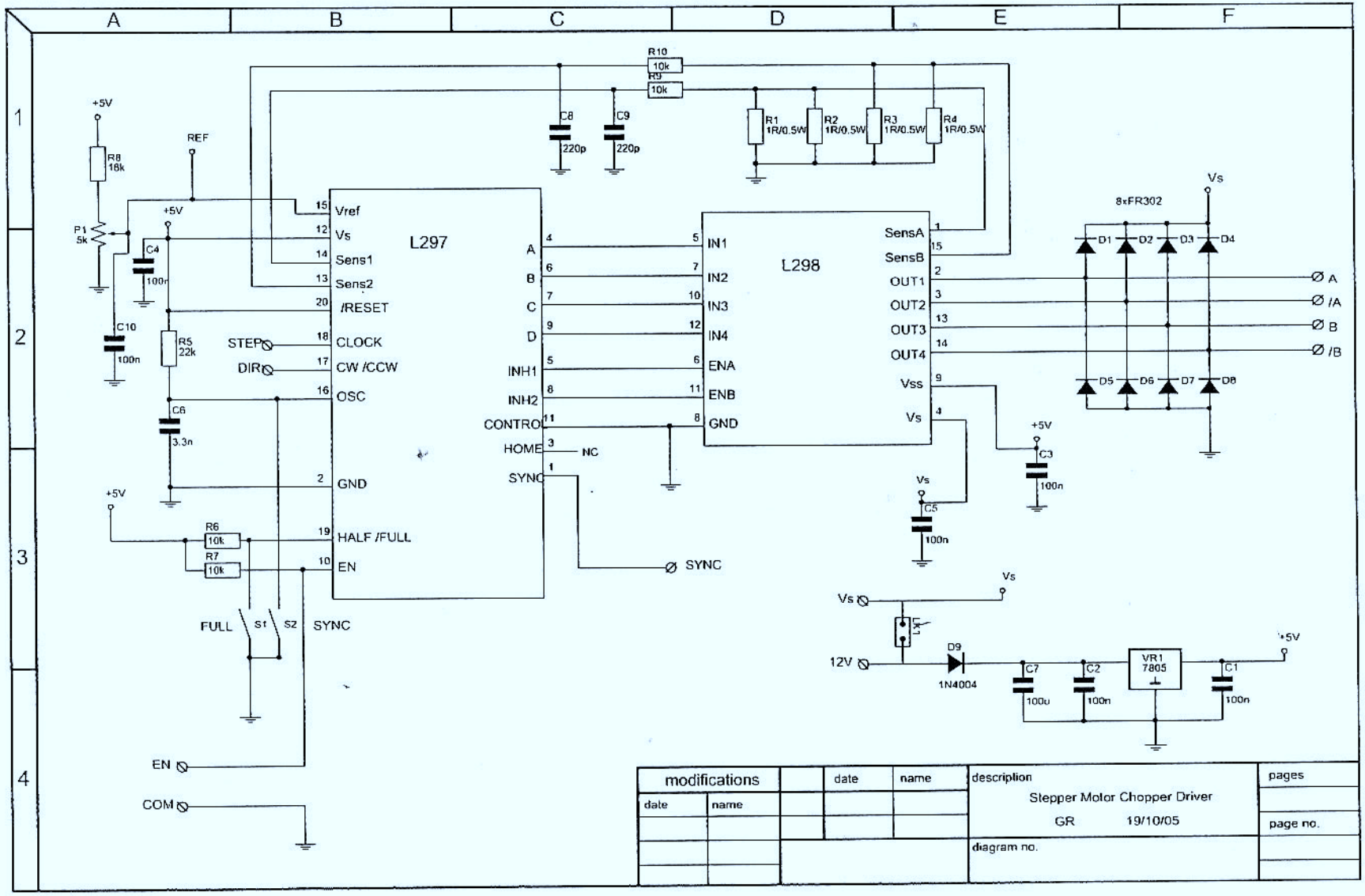
A
B
C
D
E
F
1
2
3
4
+5V
REF
R8 18k
P1 5k
C4 100n
C10 100n
R5 22k
C6 3.3n
R6 10k
R7 10k
STEP
DIR
FULL
S1
S2
SYNC
EN
COM
L297
15 Vref
12 Vs
14 Sens1
13 Sens2
20 /RESET
18 CLOCK
17 CW /CCW
16 OSC
2 GND
19 HALF /FULL
10 EN
A 4
B 6
C 7
D 9
INH1 5
INH2 8
CONTROL 11
HOME 3
NC
SYNC 1
R10 10k
R9 10k
C8 220p
C9 220p
R1 1R/0.5W
R2 1R/0.5W
R3 1R/0.5W
R4 1R/0.5W
L298
5 IN1
7 IN2
10 IN3
12 IN4
6 ENA
11 ENB
8 GND
SensA 1
SensB 15
OUT1 2
OUT2 3
OUT3 13
OUT4 14
Vss 9
Vs 4
C3 100n
C5 100n
8xFR302
D1
D2
D3
D4
D5
D6
D7
D8
Ø A
Ø /A
Ø B
Ø /B
Ø SYNC
12V
D9 1N4004
C7 100u
C2 100n
VR1 7805
C1 100n
modifications
date
name
description
Stepper Motor Chopper Driver
GR 19/10/05
pages
page no.
diagram no.