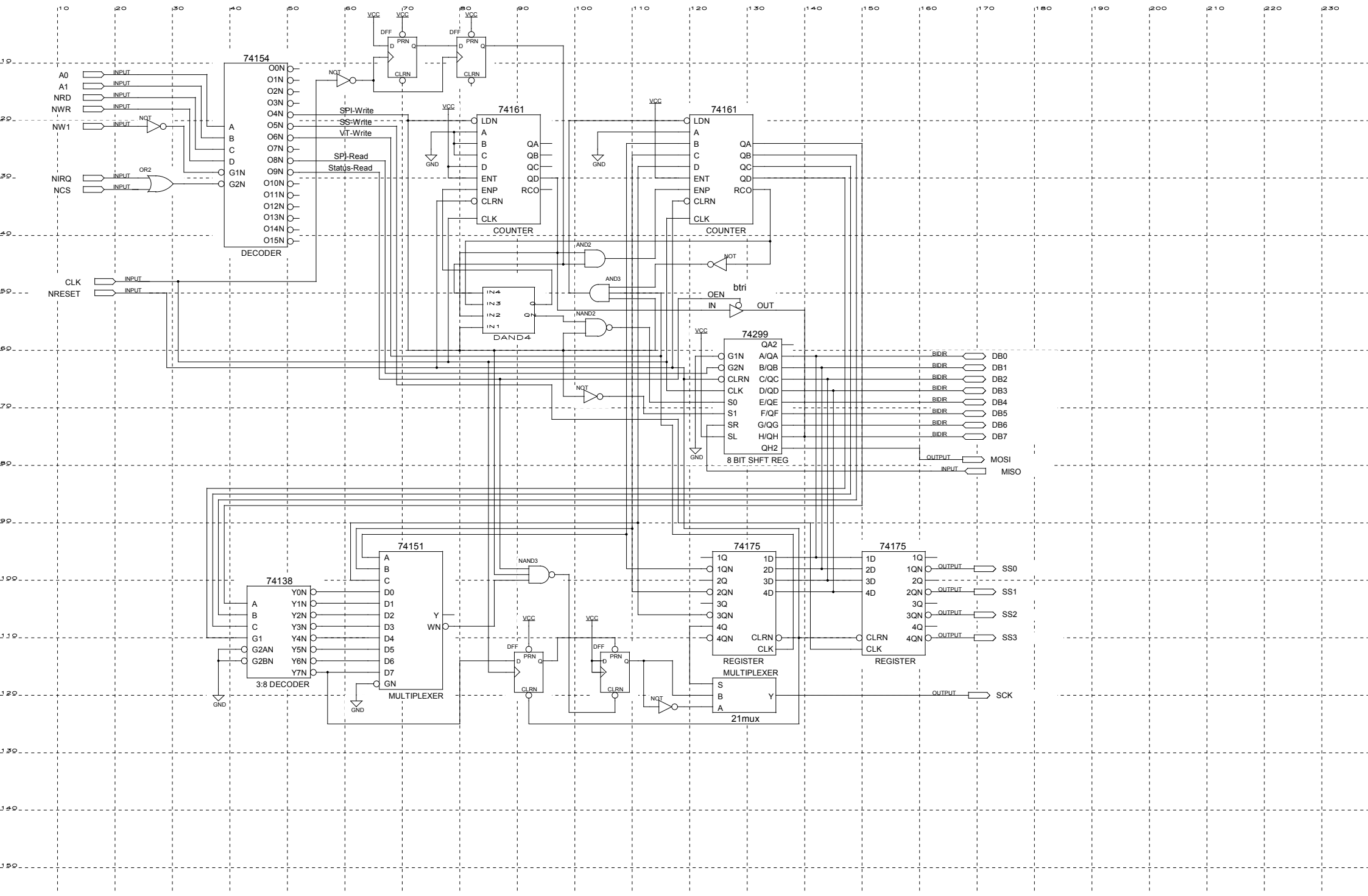
74154
DECODER
A0
A1
NRD
NWR
NW1
NIRQ
NCS
CLK
NRESET
INPUT
NOT
OR2
O0N
O1N
O2N
O3N
O4N
O5N
O6N
O7N
O8N
O9N
O10N
O11N
O12N
O13N
O14N
O15N
G1N
G2N
SPI-Write
SS-Write
VIT-Write
SPI-Read
Status-Read
DFF
PRN
CLRN
VCC
GND
74161
COUNTER
LDN
ENT
ENP
RCO
QA
QB
QC
QD
AND2
AND3
NAND2
DAND4
IN4
IN3
IN2
IN1
IN0
btri
OEN
IN
OUT
74299
8 BIT SHFT REG
QA2
A/QA
B/QB
C/QC
D/QD
E/QE
F/QF
G/QG
H/QH
QH2
S0
S1
SR
SL
BIDIR
DB0
DB1
DB2
DB3
DB4
DB5
DB6
DB7
OUTPUT
MOSI
MISO
74138
3:8 DECODER
Y0N
Y1N
Y2N
Y3N
Y4N
Y5N
Y6N
Y7N
G1
G2AN
G2BN
74151
MULTIPLEXER
D0
D1
D2
D3
D4
D5
D6
D7
GN
WN
NAND3
74175
REGISTER
1Q
1QN
2Q
2QN
3Q
3QN
4Q
4QN
1D
2D
3D
4D
SS0
SS1
SS2
SS3
21mux
S
SCK