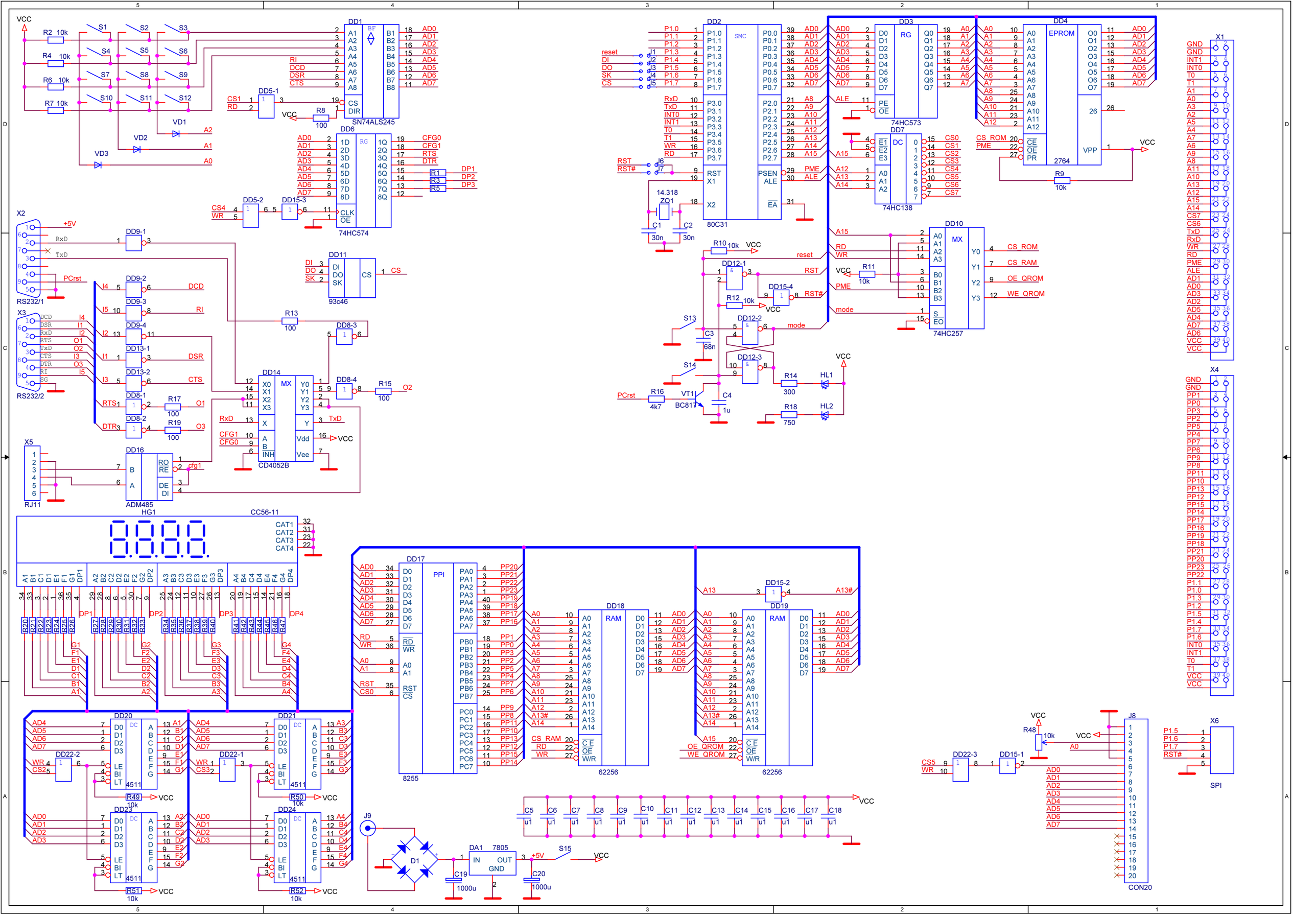
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R4 10k
R6 10k
R7 10k
S1
S2
S3
S4
S5
S6
S7
S8
S9
S10
S11
S12
VD1
VD2
VD3
A2
A1
A0
DD1
BF
A1 A2 A3 A4 A5 A6 A7 A8
B1 B2 B3 B4 B5 B6 B7 B8
CS
DIR
SN74ALS245
AD0 AD1 AD2 AD3 AD4 AD5 AD6 AD7
RI
DCD
DSR
CTS
CS1
RD
DD5-1
R8
100
DD6
RG
1D 2D 3D 4D 5D 6D 7D 8D
1Q 2Q 3Q 4Q 5Q 6Q 7Q 8Q
CLK
OE
74HC574
CFG0
CFG1
RTS
DTR
R1
R3
R5
DP1
DP2
DP3
CS4
WR
DD5-2
DD15-3
X2
+5V
RxD
TxD
PCrst
RS232/1
DD9-1
DD9-2
DD9-3
DD9-4
DD13-1
DD13-2
DD8-1
DD8-2
DD8-3
DD8-4
R13
R15
R17
R19
O1
O2
O3
X3
RS232/2
DD11
DI
DO
SK
CS
93c46
DD14
MX
X0 X1 X2 X3
Y0 Y1 Y2 Y3
X
Y
A
B
INH
Vdd
Vee
CD4052B
DD16
RO
RE
DE
DI
ADM485
cfg1
X5
RJ11
HG1
CC56-11
CAT1
CAT2
CAT3
CAT4
DD2
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P3.0 P3.1 P3.2 P3.3 P3.4 P3.5 P3.6 P3.7
RST
X1
X2
80C31
P0.0 P0.1 P0.2 P0.3 P0.4 P0.5 P0.6 P0.7
P2.0 P2.1 P2.2 P2.3 P2.4 P2.5 P2.6 P2.7
PSEN
ALE
EA
reset
DI
DO
SK
CS
RST#
14.318
ZQ1
C1
C2
30n
DD3
RG
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Q0 Q1 Q2 Q3 Q4 Q5 Q6 Q7
PE
OE
74HC573
DD7
DC
E1 E2 E3
A0 A1 A2
74HC138
CS0 CS1 CS2 CS3 CS4 CS5 CS6 CS7
DD4
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OE
PR
VPP
2764
CS_ROM
PME
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GND
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INT0
T0
T1
A1
A0
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A2
A5
A4
A7
A6
A9
A8
A11
A10
A13
A12
A15
CS7
CS6
TxD
RxD
WR
RD
PME
ALE
AD1
AD0
AD3
AD2
AD5
AD4
AD7
AD6
VCC
VCC
X4
GND
GND
PP1
PP0
PP3
PP2
PP5
PP4
PP7
PP6
PP9
PP8
PP11
PP10
PP13
PP12
PP15
PP14
PP17
PP16
PP19
PP18
PP21
PP20
PP23
PP22
P1.1
P1.0
P1.3
P1.2
P1.5
P1.4
P1.7
P1.6
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INT1
T0
T1
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VCC
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MX
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B0 B1 B2 B3
S
EO
Y0 Y1 Y2 Y3
74HC257
CS_ROM
CS_RAM
OE_QROM
WE_QROM
R10 10k
R11 10k
R12 10k
DD12-1
DD12-2
DD12-3
DD15-4
S13
S14
C3
68n
C4
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R16
4k7
VT1
BC817
R14
300
R18
750
HL1
HL2
mode
DD17
PPI
PA0 PA1 PA2 PA3 PA4 PA5 PA6 PA7
PB0 PB1 PB2 PB3 PB4 PB5 PB6 PB7
PC0 PC1 PC2 PC3 PC4 PC5 PC6 PC7
RD
WR
A0
A1
RST
CS0
8255
DD18
RAM
CE
OE
W/R
62256
DD15-2
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DD19
DD20
DD21
DD22-2
DD22-1
DD23
DD24
DC
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BI
LT
4511
R49
R50
R51
R52
10k
J9
D1
DA1
7805
IN
OUT
GND
C19
1000u
C20
1000u
+5V
S15
C5 C6 C7 C8 C9 C10 C11 C12 C13 C14 C15 C16 C17 C18
u1
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DD15-1
R48
10k
J8
CON20
X6
P1.5
P1.6
P1.7
RST#
SPI