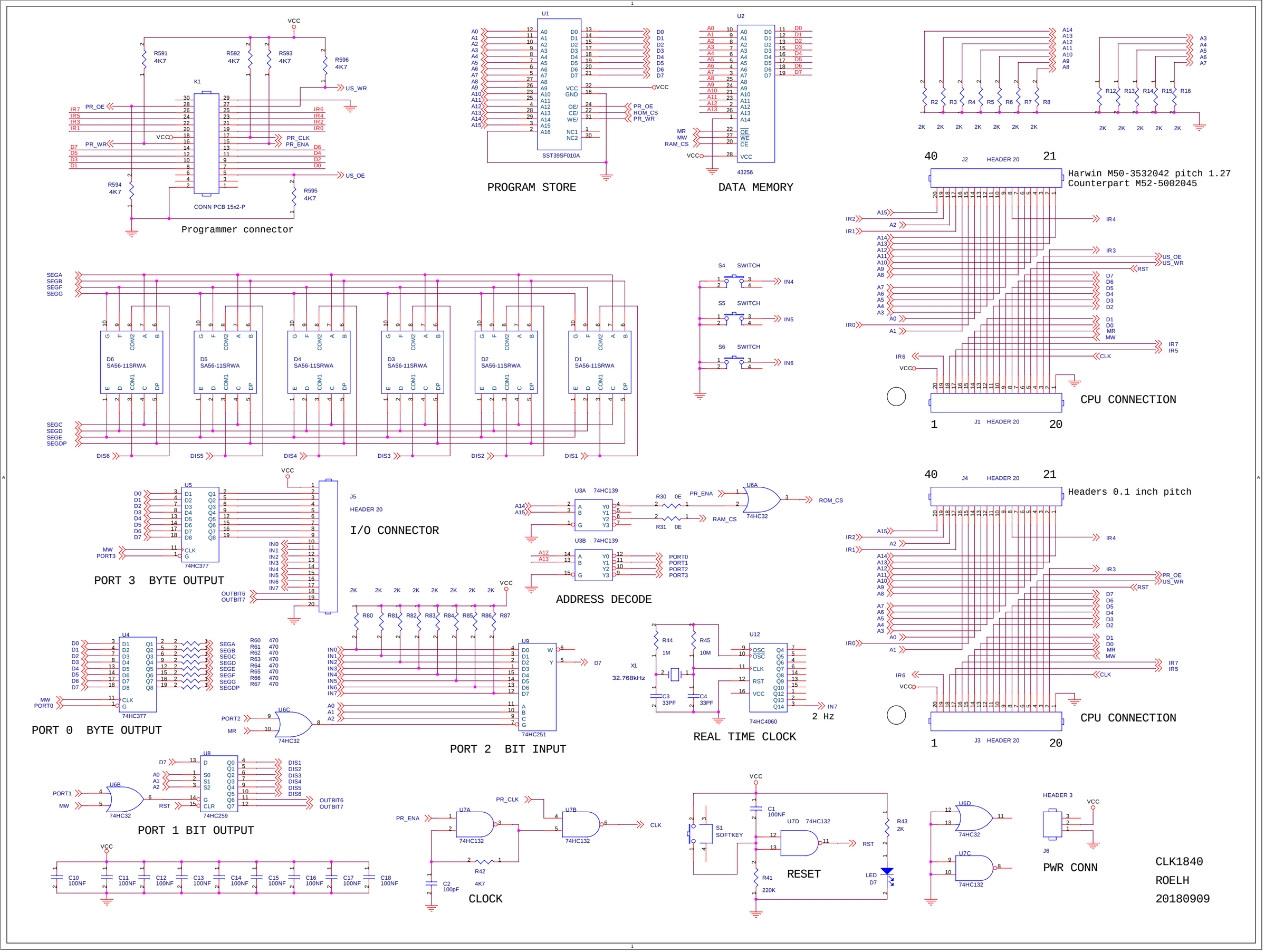
Programmer connector
K1
CONN PCB 15x2-P
PROGRAM STORE
U1
SST39SF010A
DATA MEMORY
U2
43256
Harwin M50-3532042 pitch 1.27
Counterpart M52-5002045
J2 HEADER 20
CPU CONNECTION
J1 HEADER 20
D6 SA56-11SRWA
D5 SA56-11SRWA
D4 SA56-11SRWA
D3 SA56-11SRWA
D2 SA56-11SRWA
D1 SA56-11SRWA
S4 SWITCH
S5 SWITCH
S6 SWITCH
PORT 3 BYTE OUTPUT
U5
74HC377
J5
HEADER 20
I/O CONNECTOR
ADDRESS DECODE
U3A 74HC139
U3B 74HC139
U6A
74HC32
J4 HEADER 20
Headers 0.1 inch pitch
J3 HEADER 20
CPU CONNECTION
PORT 0 BYTE OUTPUT
U4
74HC377
U6C
74HC32
PORT 2 BIT INPUT
U9
74HC251
REAL TIME CLOCK
U12
74HC4060
X1
32.768kHz
2 Hz
PORT 1 BIT OUTPUT
U6B
74HC32
U8
74HC259
CLOCK
U7A
74HC132
U7B
74HC132
RESET
U7D 74HC132
S1
SOFTKEY
U6D
74HC32
U7C
74HC132
HEADER 3
J6
PWR CONN
CLK1840
ROELH
20180909