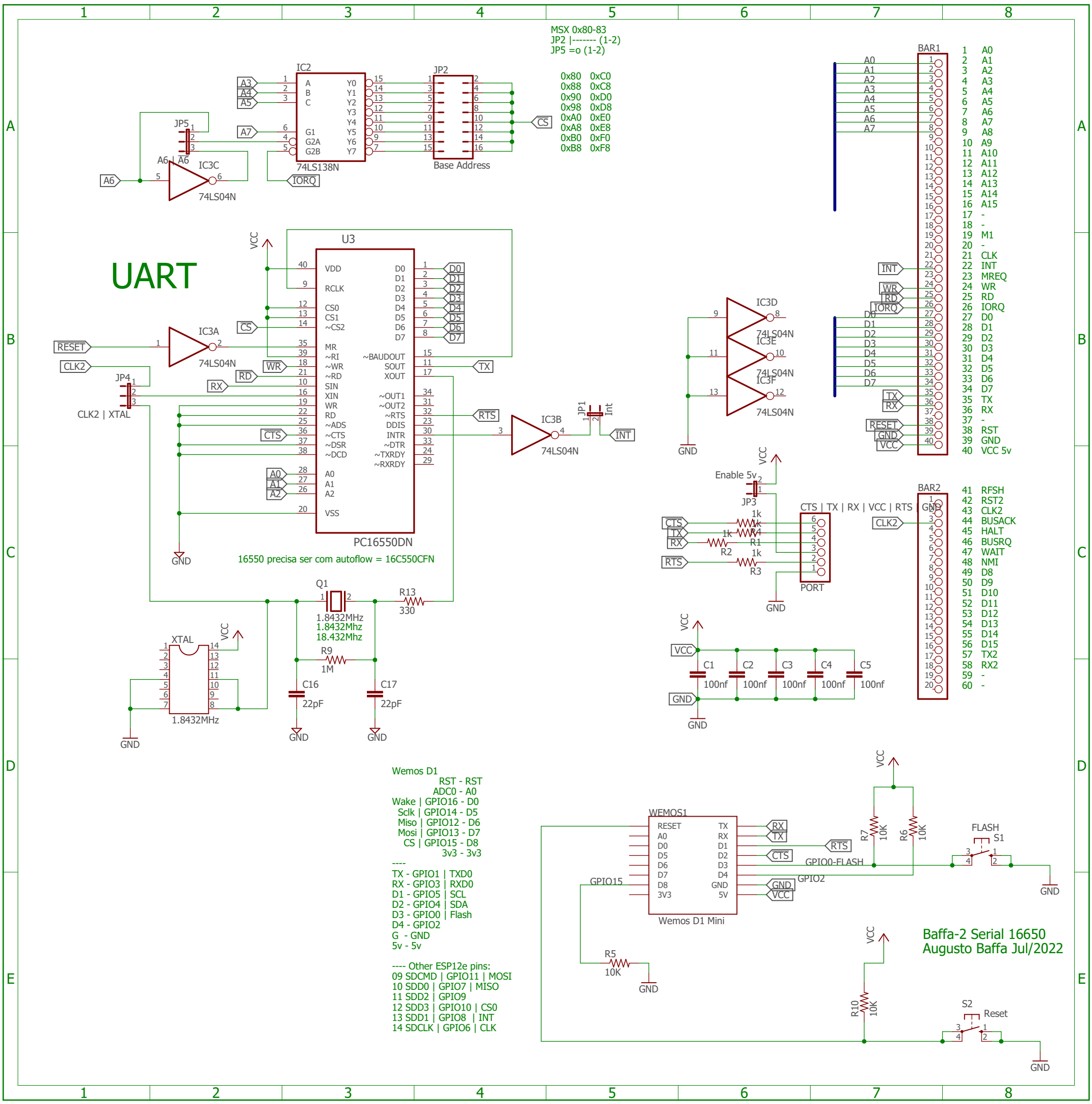
UART
MSX 0x80-83
JP2 |------- (1-2)
JP5 =o (1-2)
0x80 0xC0
0x88 0xC8
0x90 0xD0
0x98 0xD8
0xA0 0xE0
0xA8 0xE8
0xB0 0xF0
0xB8 0xF8
IC2
74LS138N
JP2
Base Address
JP5
A6 | A6
IC3C
74LS04N
IORQ
CS
BAR1
1 A0
2 A1
3 A2
4 A3
5 A4
6 A5
7 A6
8 A7
9 A8
10 A9
11 A10
12 A11
13 A12
14 A13
15 A14
16 A15
17 -
18 -
19 M1
20 -
21 CLK
22 INT
23 MREQ
24 WR
25 RD
26 IORQ
27 D0
28 D1
29 D2
30 D3
31 D4
32 D5
33 D6
34 D7
35 TX
36 RX
37 -
38 RST
39 GND
40 VCC 5v
U3
PC16550DN
16550 precisa ser com autoflow = 16C550CFN
IC3A
74LS04N
IC3B
74LS04N
IC3D
IC3E
IC3F
JP4
CLK2 | XTAL
JP1
Int
Q1
1.8432MHz
1.8432Mhz
18.432Mhz
R13
330
R9
1M
C16
22pF
C17
22pF
XTAL
1.8432MHz
VCC
GND
Enable 5v
JP3
CTS | TX | RX | VCC | RTS | GND
PORT
R1
R2
R3
R4
1k
C1
C2
C3
C4
C5
100nf
BAR2
41 RFSH
42 RST2
43 CLK2
44 BUSACK
45 HALT
46 BUSRQ
47 WAIT
48 NMI
49 D8
50 D9
51 D10
52 D11
53 D12
54 D13
55 D14
56 D15
57 TX2
58 RX2
59 -
60 -
Wemos D1
RST - RST
ADC0 - A0
Wake | GPIO16 - D0
Sclk | GPIO14 - D5
Miso | GPIO12 - D6
Mosi | GPIO13 - D7
CS | GPIO15 - D8
3v3 - 3v3

TX - GPIO1 | TXD0
RX - GPIO3 | RXD0
D1 - GPIO5 | SCL
D2 - GPIO4 | SDA
D3 - GPIO0 | Flash
D4 - GPIO2
G - GND
5v - 5v
---- Other ESP12e pins:
09 SDCMD | GPIO11 | MOSI
10 SDD0 | GPIO7 | MISO
11 SDD2 | GPIO9
12 SDD3 | GPIO10 | CS0
13 SDD1 | GPIO8 | INT
14 SDCLK | GPIO6 | CLK
WEMOS1
Wemos D1 Mini
GPIO0-FLASH
GPIO2
GPIO15
R7
10K
R6
10K
FLASH
S1
R5
10K
R10
10K
S2
Reset
Baffa-2 Serial 16650
Augusto Baffa Jul/2022