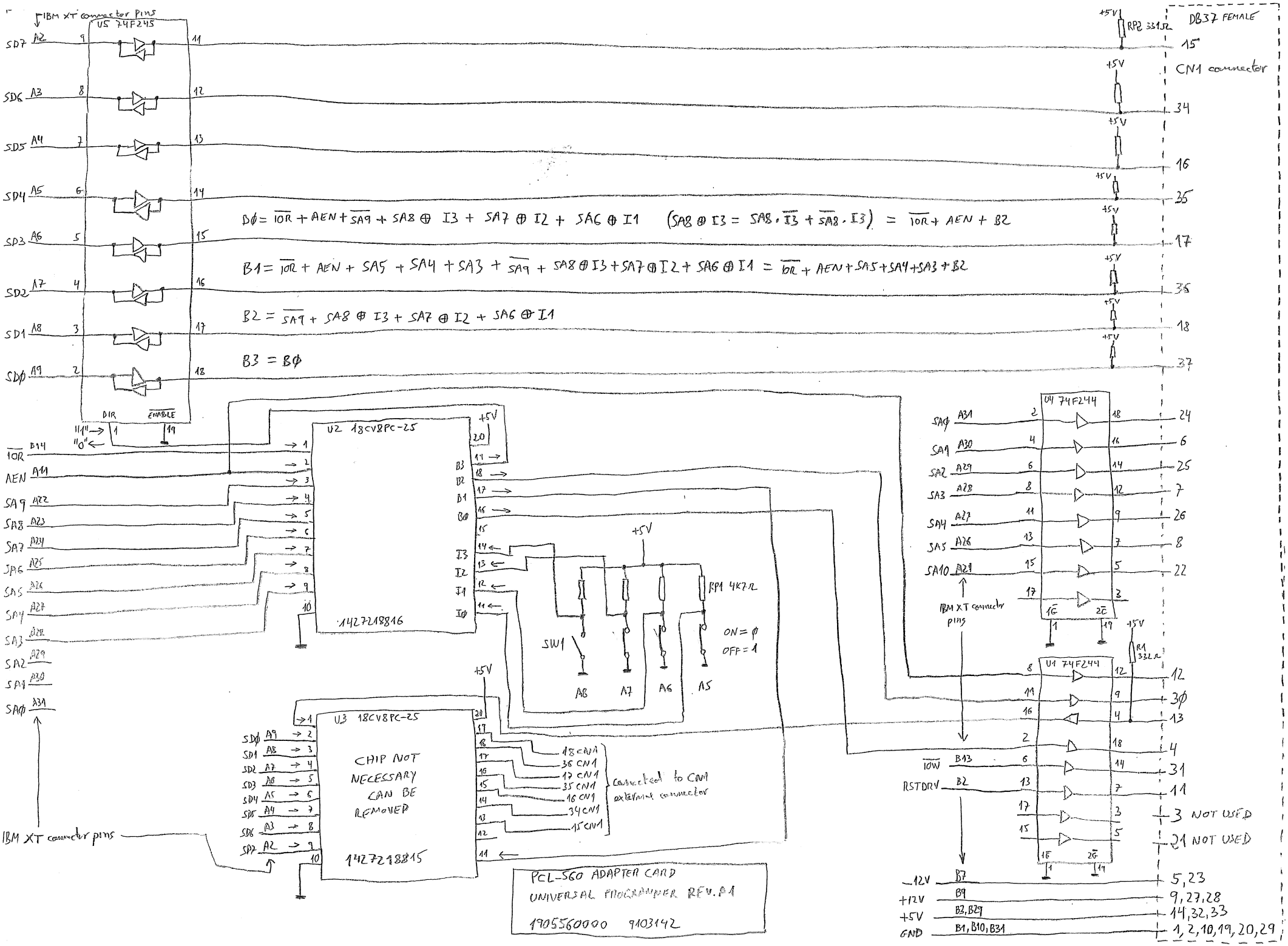
IBM XT connector pins
U5 74F245
DIR
ENABLE
"1" →
"0" ←
DB37 FEMALE
CN1 connector
RP2 331Ω
+5V
SD7 A2
SD6 A3
SD5 A4
SD4 A5
SD3 A6
SD2 A7
SD1 A8
SDØ A9
B0 = IOR + AEN + SA9 + SA8 ⊕ I3 + SA7 ⊕ I2 + SA6 ⊕ I1 (SA8 ⊕ I3 = SA8 · I3 + SA8 · I3) = IOR + AEN + B2
B1 = IOR + AEN + SA5 + SA4 + SA3 + SA9 + SA8 ⊕ I3 + SA7 ⊕ I2 + SA6 ⊕ I1 = IOR + AEN + SA5 + SA4 + SA3 + B2
B2 = SA9 + SA8 ⊕ I3 + SA7 ⊕ I2 + SA6 ⊕ I1
B3 = BØ
U2 18CV8PC-25
1427218816
IOR B14
AEN A11
SA9 A22
SA8 A23
SA7 A24
SA6 A25
SA5 A26
SA4 A27
SA3 A28
SA2 A29
SA1 A30
SAØ A31
RP1 4K7Ω
SW1
A8 A7 A6 A5
ON = Ø
OFF = 1
U3 18CV8PC-25
CHIP NOT NECESSARY CAN BE REMOVED
1427218815
18 CN1
36 CN1
17 CN1
35 CN1
16 CN1
34 CN1
15 CN1
connected to CN1 external connector
U4 74F244
U1 74F244
IOW B13
RSTDRV B2
R1 332Ω
3 NOT USED
21 NOT USED
-12V B7
+12V B9
+5V B2, B29
GND B1, B10, B31
5, 23
9, 27, 28
14, 32, 33
1, 2, 10, 19, 20, 29
PCL-560 ADAPTER CARD
UNIVERSAL PROGRAMMER REV. A1
1905560000 9103142