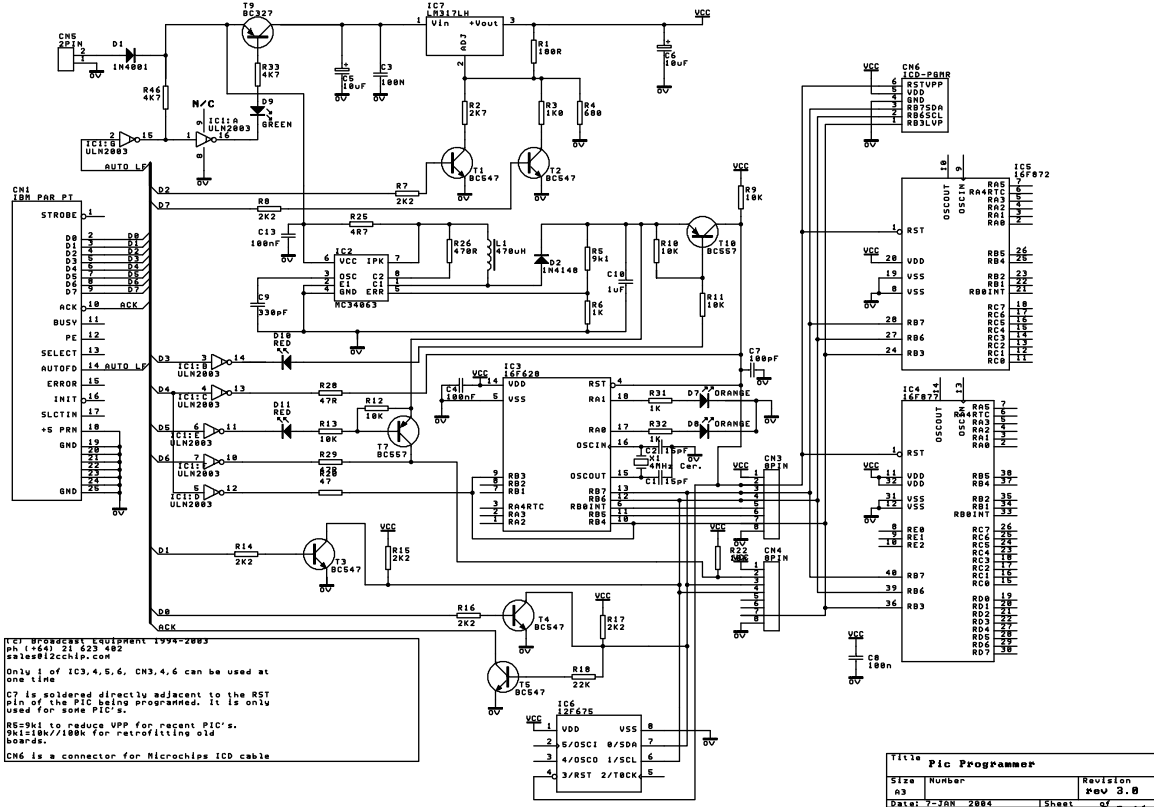
CN5
2PIN
D1
IN4001
T9
BC327
R33
4K7
D9
GREEN
R46
4K7
M/C
IC1:A
ULN2003
IC1:G
ULN2003
AUTO LF
IC7
LM317LH
Vin
+Vout
ADJ
C5
10uF
C3
100N
R1
100R
C6
10uF
VCC
R2
2K7
R3
1K0
R4
680
T1
BC547
T2
BC547
CN1
IBM PAR PT
STROBE
D0
D1
D2
D3
D4
D5
D6
D7
ACK
BUSY
PE
SELECT
AUTOFD
ERROR
INIT
SLCTIN
+5 PRN
GND
AUTO LF
D2
D7
R8
2K2
R25
4R7
C13
100nF
IC2
VCC IPK
OSC C2
CI CI
GND ERR
MC34063
R26
470R
L1
470uH
D2
IN4148
C9
330pF
D10
RED
R5
9k1
C10
1uF
R6
1K
R7
2K2
R9
10K
T10
BCS57
R10
10K
R11
10K
C7
100pF
D3
D4
D5
D6
D1
D0
ACK
IC1:B
IC1:C
IC1:D
IC1:E
IC1:F
ULN2003
D11
RED
R28
47R
R12
10K
R13
10K
R29
47
T7
BC557
R14
2K2
T3
BC547
R15
2K2
R16
2K2
T4
BC547
R17
2K2
T5
BC547
R18
22K
IC3
16F628
VDD
VSS
RA7
RA6
RA5
RA4
RA3
RA2
RA1
RA0
OSCIN
OSCOUT
RB7
RB6
RB5
RB4
RB3
RB2
RB1
RB0
C4
100nF
R31
1K
R32
1K
D7
ORANGE
D8
ORANGE
C2
15pF
X1
4MHz Cer.
C1
15pF
CN3
8PIN
CN4
8PIN
R22
10K
IC4
16F877
IC5
16F872
IC6
12F675
GP5/OSC1 GP0/SDA
GP4/OSC0 GP1/SCL
GP3/RST GP2/T0CKI
CN6
ICD-PGMR
RSTVPP
VDD
GND
RB7/SDA
RB6/SCL
RB3/LVP
C8
100n
IC7 Broadcast Equipment 1994-2003
ph (+64) 21 623 482
sales@12cchip.com
Only 1 of IC3,4,5,6, CN3,4,6 can be used at one time
C7 is soldered directly adjacent to the RST pin of the PIC being programmed. It is only used for some PIC's.
RS=9k1 to reduce VPP for recent PIC's.
9k1=10k//180k for retrofitting old boards.
CN6 is a connector for Microchips ICD cable
Title
Pic Programmer
Size
A3
Number
Revision
rev 3.0
Date: 7-JAN 2004
File: PICPN2/1
Sheet of
Drawn By: S.Bridger