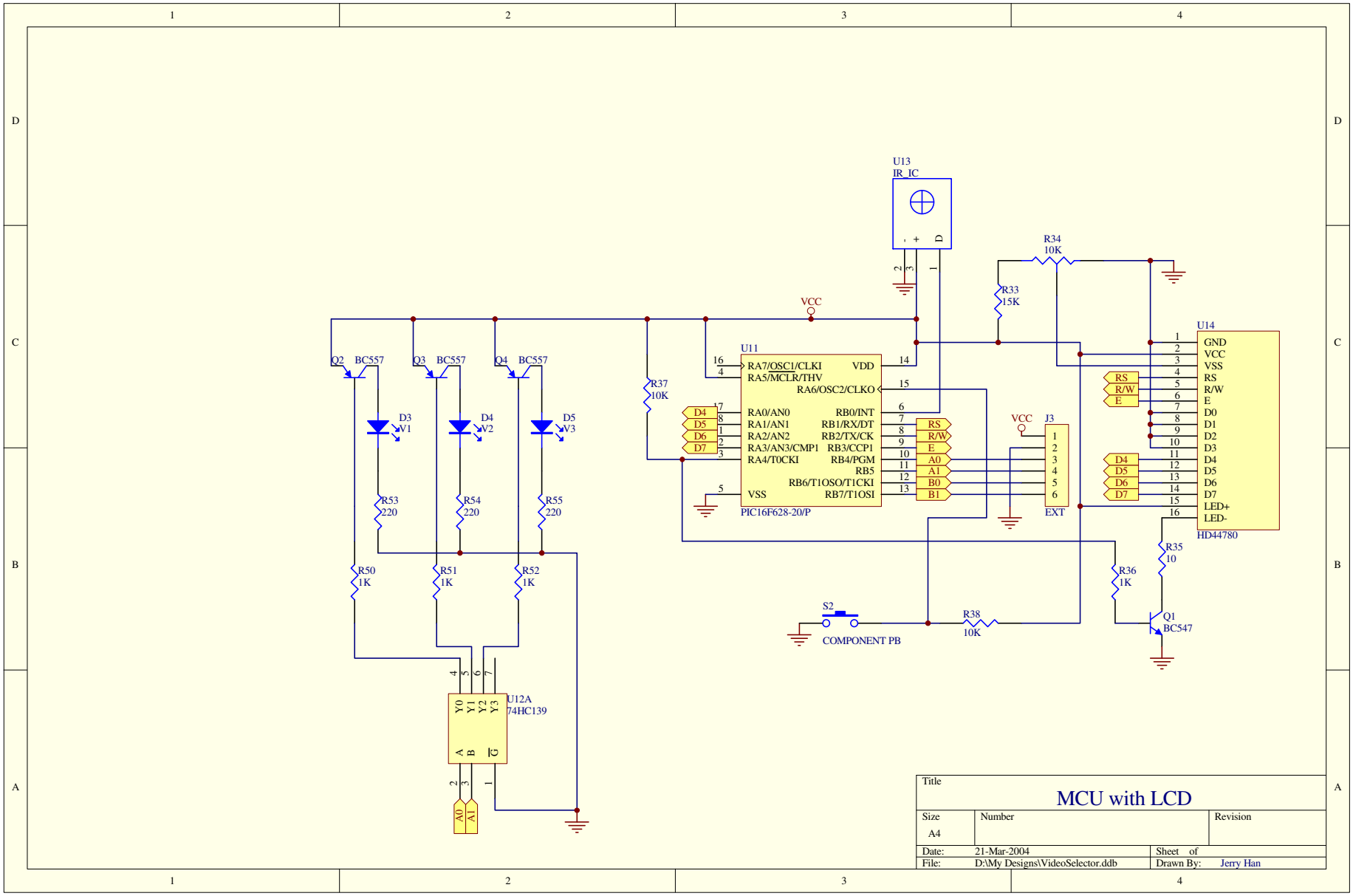
U13
IR_IC
VCC
R34
10K
R33
15K
U14
GND
VCC
VSS
RS
R/W
E
D0
D1
D2
D3
D4
D5
D6
D7
LED+
LED-
HD44780
U11
RA7/OSC1/CLKI
RA5/MCLR/THV
RA6/OSC2/CLKO
RA0/AN0
RA1/AN1
RA2/AN2
RA3/AN3/CMP1
RA4/T0CKI
VSS
VDD
RB0/INT
RB1/RX/DT
RB2/TX/CK
RB3/CCP1
RB4/PGM
RB5
RB6/T1OSO/T1CKI
RB7/T1OSI
PIC16F628-20/P
Q2 BC557
Q3 BC557
Q4 BC557
D3 V1
D4 V2
D5 V3
R53 220
R54 220
R55 220
R50 1K
R51 1K
R52 1K
R37 10K
U12A
74HC139
Y0
Y1
Y2
Y3
A
B
G
A0
A1
J3
EXT
S2
COMPONENT PB
R38
10K
R36
1K
R35
10
Q1
BC547
Title
MCU with LCD
Size
A4
Number
Revision
Date: 21-Mar-2004
Sheet of
File: D:\My Designs\VideoSelector.ddb
Drawn By: Jerry Han