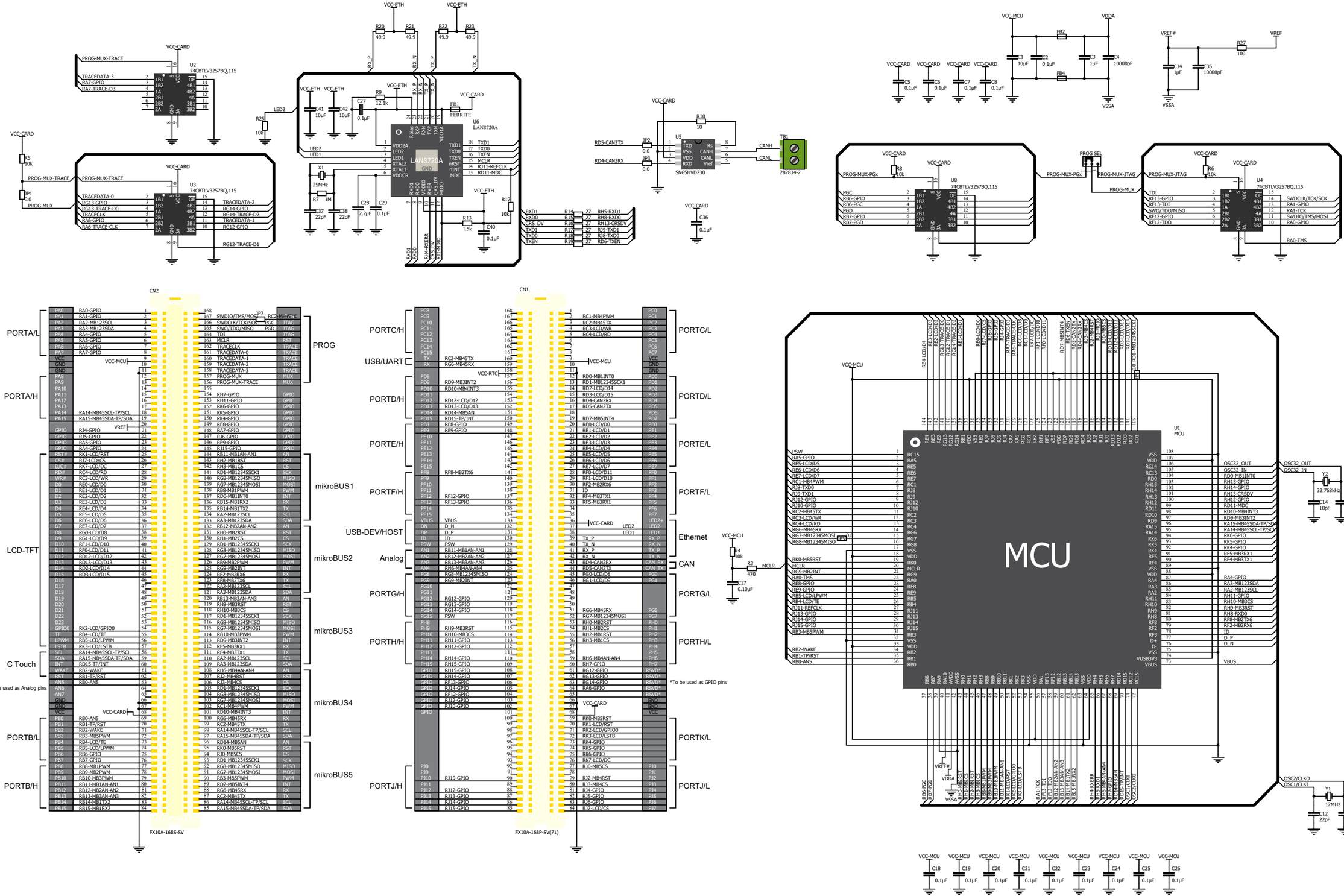
MCU Card 3 for PIC32 schematic v082

MIKROE



CN2
FX10A-168S-SV
PORTA/L
PORTA/H
PROG
PORTB/L
PORTB/H
LCD-TFT
C Touch
**To be used as Analog pins
mikroBUS1
mikroBUS2
mikroBUS3
mikroBUS4
mikroBUS5
USB-DEV/HOST
Analog
Ethernet
CAN
SWDIO/TMS/MOSI
SWDCLK/TCK/SCK
SWO/TDO/MISO
MCLR
TRACECLK
TRACEDATA-0
TRACEDATA-1
TRACEDATA-2
TRACEDATA-3
PROG-MUX
PROG-MUX-TRACE
RC2-MB45TX
RG6-MB45RX
RD0-MB1INT0
RD9-MB3INT2
RD10-MB4INT3
RD12-LCD/D12
RD13-LCD/D13
RD14-MB5AN
RD15-TP/INT
RE8-GPIO
RE9-GPIO
RB1-MB1AN-AN1
RH2-MB1RST
RH3-MB1CS
RD1-MB12345SCK1
RG8-MB12345MISO
RG7-MB12345MOSI
RD11-MB1PWM
RF12-GPIO
RF13-GPIO
RB12-MB2AN-AN2
RB13-MB3AN-AN3
RH6-MB4AN-AN4
RF2-MB2RX6
RG9-MB2INT
RA2-MB123SCL
RA3-MB123SDA
RB8-MB2TX6
RH9-MB3RST
RH10-MB3CS
RG7-MB12345MOSI
RB10-MB3PWM
RD9-MB3INT2
RF5-MB3RX1
RF4-MB3TX1
RC1-MB4PWM
RD10-MB4INT3
RG6-MB45RX
RC2-MB45TX
RA14-MB45SCL-TP/SCL
RA15-MB45SDA-TP/SDA
RD14-MB5AN
RK0-MB5RST
RJ0-MB5CS
RD1-MB12345SCK1
RG8-MB12345MISO
RG7-MB12345MOSI
RB3-MB5PWM
RB5-LCD/LPWM
RB6-GPIO
RB7-GPIO
RB8-MB1PWM
RB9-MB2PWM
RB10-MB3PWM
RB11-MB1AN-AN1
RB12-MB2AN-AN2
RB13-MB3AN-AN3
RB14-MB1TX2
RB15-MB1RX2
RJ4-GPIO
RJ5-GPIO
RA5-GPIO
RK1-LCD/RST
RJ7-LCD/CS
RK7-LCD/DC
RC4-LCD/RD
RC3-LCD/WR
RE0-LCD/D0
RE1-LCD/D1
RE2-LCD/D2
RE3-LCD/D3
RE4-LCD/D4
RE5-LCD/D5
RE6-LCD/D6
RE7-LCD/D7
RG0-LCD/D8
RG1-LCD/D9
RF1-LCD/D10
RF0-LCD/D11
RD13-LCD/D13
RD2-LCD/D14
RD3-LCD/D15
RK2-LCD/GPIO0
RB4-LCD/TE
RK3-LCD/LSTB
RA14-MB45SCL-TP/SCL
RA15-MB45SDA-TP/SDA
RD15-TP/INT
RB2-WAKE
RB1-TP/RST
RB0-AN5
RC1-MB4PWM
RD10-MB4INT3
RG6-MB45RX
RC2-MB45TX
RA14-MB45SCL-TP/SCL
RA15-MB45SDA-TP/SDA
RD14-MB5AN
RK0-MB5RST
RJ0-MB5CS
RD1-MB12345SCK1
RG8-MB12345MISO
RG7-MB12345MOSI
RB3-MB5PWM
RB5-LCD/LPWM
RB6-GPIO
RB7-GPIO
RB8-MB1PWM
RB9-MB2PWM
RB10-MB3PWM
RB11-MB1AN-AN1
RB12-MB2AN-AN2
RB13-MB3AN-AN3
RB14-MB1TX2
RB15-MB1RX2
CN1
FX10A-168P-SV(71)
PORTC/H
PORTC/L
USB/UART
PORTD/H
PORTD/L
PORTE/H
PORTE/L
PORTF/H
PORTF/L
PORTG/H
PORTG/L
PORTH/H
PORTH/L
PORTK/L
PORTJ/H
PORTJ/L
*To be used as GPIO pins
RC1-MB4PWM
RC2-MB45TX
RC3-LCD/WR
RC4-LCD/RD
RD0-MB1INT0
RD1-MB12345SCK1
RD2-LCD/D14
RD3-LCD/D15
RD4-CAN2RX
RD5-CAN2TX
RD7-MB5INT4
RE0-LCD/D0
RE1-LCD/D1
RE2-LCD/D2
RE3-LCD/D3
RE4-LCD/D4
RE5-LCD/D5
RE6-LCD/D6
RE7-LCD/D7
RF0-LCD/D11
RF1-LCD/D10
RF2-MB2RX6
RF3-ID
RF4-MB3TX1
RF5-MB3RX1
RG9-MB2INT
RG1-LCD/D9
RH2-MB1RST
RH3-MB1CS
RH9-MB3RST
RH10-MB3CS
RH6-MB4AN-AN4
RH7-GPIO
RK7-LCD/DC
RJ0-MB5CS
RK1-LCD/RST
RK2-LCD/GPIO0
RK3-LCD/LSTB
RK4-GPIO
RK5-GPIO
RK6-GPIO
RJ2-MB4RST
RJ3-MB4CS
RJ4-GPIO
RJ5-GPIO
RJ6-GPIO
RJ7-LCD/CS
RG6-MB45RX
RG7-MB12345MOSI
RG8-MB12345MISO
RK0-MB5RST
RB1-TP/RST
RB0-AN5
RB2-WAKE
RG12-GPIO
RG13-GPIO
RG14-GPIO
RJ14-GPIO
RJ15-GPIO
RB3-MB5PWM
RB4-LCD/TE
RB5-LCD/LPWM
RB6-PGC
RB7-PGD
RB8-MB1PWM
RB9-MB2PWM
RB10-MB3PWM
RB11-MB1AN-AN1
RB12-MB2AN-AN2
RB13-MB3AN-AN3
RB14-MB1TX2
RB15-MB1RX2
RA14-MB45SCL-TP/SCL
RA15-MB45SDA-TP/SDA
RA1-TCK
RA0-TMS
RF13-TDI
RF12-TDO
RA7-TRACED3
RA6-TRACED0
RG14-TRACED2
RG12-TRACED1
RE4-LCD/D4
RE5-LCD/D5
RE6-LCD/D6
RE7-LCD/D7
RC1-MB4PWM
RD11-MB1PWM
RF1-LCD/D10
RF0-LCD/D11
RD10-MB4INT3
RD9-MB3INT2
RD7-MB5INT4
RD5-CAN2TX
RD4-CAN2RX
RD2-MB4RST
RD1-MB12345SCK1
RD0-MB1INT0
RB15-MB1RX2
RB14-MB1TX2
RB13-MB3AN-AN3
RB12-MB2AN-AN2
RB11-MB1AN-AN1
RB10-MB3PWM
RB9-MB2PWM
RB8-MB1PWM
RB7-PGD
RB6-PGC
RB5-LCD/LPWM
RB4-LCD/TE
RB3-MB5PWM
RB2-WAKE
RB1-TP/RST
RB0-AN5
RG14-TRACED2
RG12-TRACED1
RG13-TRACED0
RA7-TRACED3
RA6-TRACED0
RA5-GPIO
RA4-GPIO
RA3-MB123SDA
RA2-MB123SCL
RA1-TCK
RA0-TMS
RF13-TDI
RF12-TDO
RF5-MB3RX1
RF4-MB3TX1
RF3-ID
RF2-MB2RX6
RF1-LCD/D10
RF0-LCD/D11
RE7-LCD/D7
RE6-LCD/D6
RE5-LCD/D5
RE4-LCD/D4
RE3-LCD/D3
RE2-LCD/D2
RE1-LCD/D1
RE0-LCD/D0
RD15-TP/INT
RD14-MB5AN
RD13-LCD/D13
RD12-LCD/D12
RD11-MB1PWM
RD10-MB4INT3
RD9-MB3INT2
RD7-MB5INT4
RD5-CAN2TX
RD4-CAN2RX
RD3-MB4WR
RD2-MB4RD
RD1-MB12345SCK1
RD0-MB1INT0
RC4-LCD/RD
RC3-LCD/WR
RC2-MB45TX
RC1-MB4PWM
RG9-MB2INT
RG8-MB12345MISO
RG7-MB12345MOSI
RG6-MB45RX
RG1-LCD/D9
RG0-LCD/D8