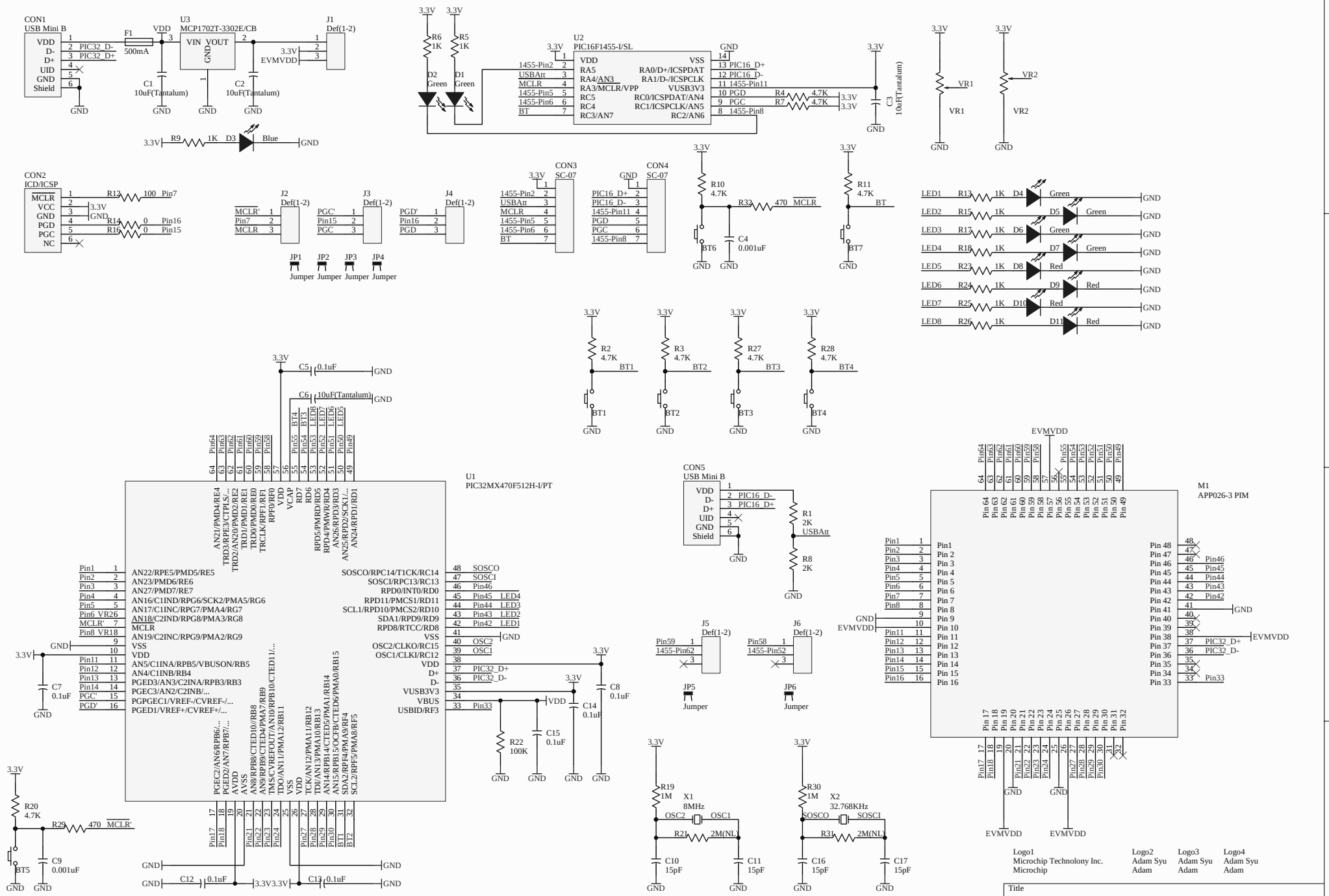
CON1
USB Mini B
VDD
D-
D+
UID
GND
Shield
PIC32_D-
PIC32_D+
F1
500mA
VDD
U3
MCP1702T-3302E/CB
VIN VOUT
GND
C1
10uF(Tantalum)
C2
10uF(Tantalum)
3.3V
EVMVDD
J1
Def(1-2)
R6
1K
R5
1K
D2
Green
D1
Green
U2
PIC16F1455-I/SL
VDD
RA5
RA4/AN3
RA3/MCLR/VPP
RC5
RC4
RC3/AN7
VSS
RA0/D+/ICSPDAT
RA1/D-/ICSPCLK
VUSB3V3
RC0/ICSPDAT/AN4
RC1/ICSPCLK/AN5
RC2/AN6
1455-Pin2
USBAtt
MCLR
1455-Pin5
1455-Pin6
BT
PIC16_D+
PIC16_D-
1455-Pin11
PGD
PGC
1455-Pin8
R4
4.7K
R7
4.7K
C3
10uF(Tantalum)
VR1
VR2
R9
1K
D3
Blue
CON2
ICD/ICSP
MCLR
VCC
GND
PGD
PGC
NC
R12
100
Pin7
R14
0
Pin16
R16
0
Pin15
J2
Def(1-2)
MCLR'
Pin7
MCLR
J3
Def(1-2)
PGC'
Pin15
PGC
J4
Def(1-2)
PGD'
Pin16
PGD
CON3
SC-07
CON4
SC-07
JP1
JP2
JP3
JP4
Jumper
R10
4.7K
R33
470
MCLR
C4
0.001uF
BT6
R11
4.7K
BT
BT7
LED1
LED2
LED3
LED4
LED5
LED6
LED7
LED8
R13
R15
R17
R18
R23
R24
R25
R26
1K
D4
D5
D6
D7
D8
D9
D10
D11
Green
Red
R2
4.7K
R3
4.7K
R27
4.7K
R28
4.7K
BT1
BT2
BT3
BT4
C5
0.1uF
C6
10uF(Tantalum)
U1
PIC32MX470F512H-I/PT
AN22/RPE5/PMD5/RE5
AN23/PMD6/RE6
AN27/PMD7/RE7
AN16/C1IND/RPG6/SCK2/PMA5/RG6
AN17/C1INC/RPG7/PMA4/RG7
AN18/C2IND/RPG8/PMA3/RG8
MCLR
AN19/C2INC/RPG9/PMA2/RG9
VSS
VDD
AN5/C1INA/RPB5/VBUSON/RB5
AN4/C1INB/RB4
PGED3/AN3/C2INA/RPB3/RB3
PGEC3/AN2/C2INB/...
PGPGEC1/VREF-/CVREF-/...
PGED1/VREF+/CVREF+/...
SOSCO/RPC14/T1CK/RC14
SOSCI/RPC13/RC13
RPD0/INT0/RD0
RPD11/PMCS1/RD11
SCL1/RPD10/PMCS2/RD10
SDA1/RPD9/RD9
RPD8/RTCC/RD8
VSS
OSC2/CLKO/RC15
OSC1/CLKI/RC12
VDD
D+
D-
VUSB3V3
VBUS
USBID/RF3
PGEC2/AN6/RPB6/...
PGED2/AN7/RPB7/...
AVDD
AVSS
AN8/RPB8/CTED10//RB8
AN9/RPB9/CTED4/PMA7/RB9
TMS/CVREFOUT/AN10/RPB10/CTED11/...
TDO/AN11/PMA12/RB11
TCK/AN12/PMA11/RB12
TDI/AN13/PMA10/RB13
AN14/RPB14/CTED5/PMA1/RB14
AN15/RPB15/OCFB/CTED6/PMA0/RB15
SDA2/RPF4/PMA9/RF4
SCL2/RPF5/PMA8/RF5
C7
0.1uF
C8
0.1uF
C14
0.1uF
C15
0.1uF
R22
100K
R20
4.7K
R29
470
MCLR'
BT5
C9
0.001uF
C12
0.1uF
C13
0.1uF
CON5
USB Mini B
R1
2K
USBAtt
R8
2K
J5
Def(1-2)
Pin59
1455-Pin62
J6
Def(1-2)
Pin58
1455-Pin52
JP5
JP6
Jumper
M1
APP026-3 PIM
EVMVDD
R19
1M
X1
8MHz
OSC2
OSC1
R21
2M(NL)
C10
15pF
C11
15pF
R30
1M
X2
32.768KHz
SOSCO
SOSCI
R31
2M(NL)
C16
15pF
C17
15pF
Logo1
Microchip Technolony Inc.
Microchip
Logo2
Adam Syu
Adam
Logo3
Adam Syu
Adam
Logo4
Adam Syu
Adam
Title
APP028-1 v 2.01
Size
A3
Number
Revision
Date:
2014/6/9
Sheet of
File:
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Drawn By: