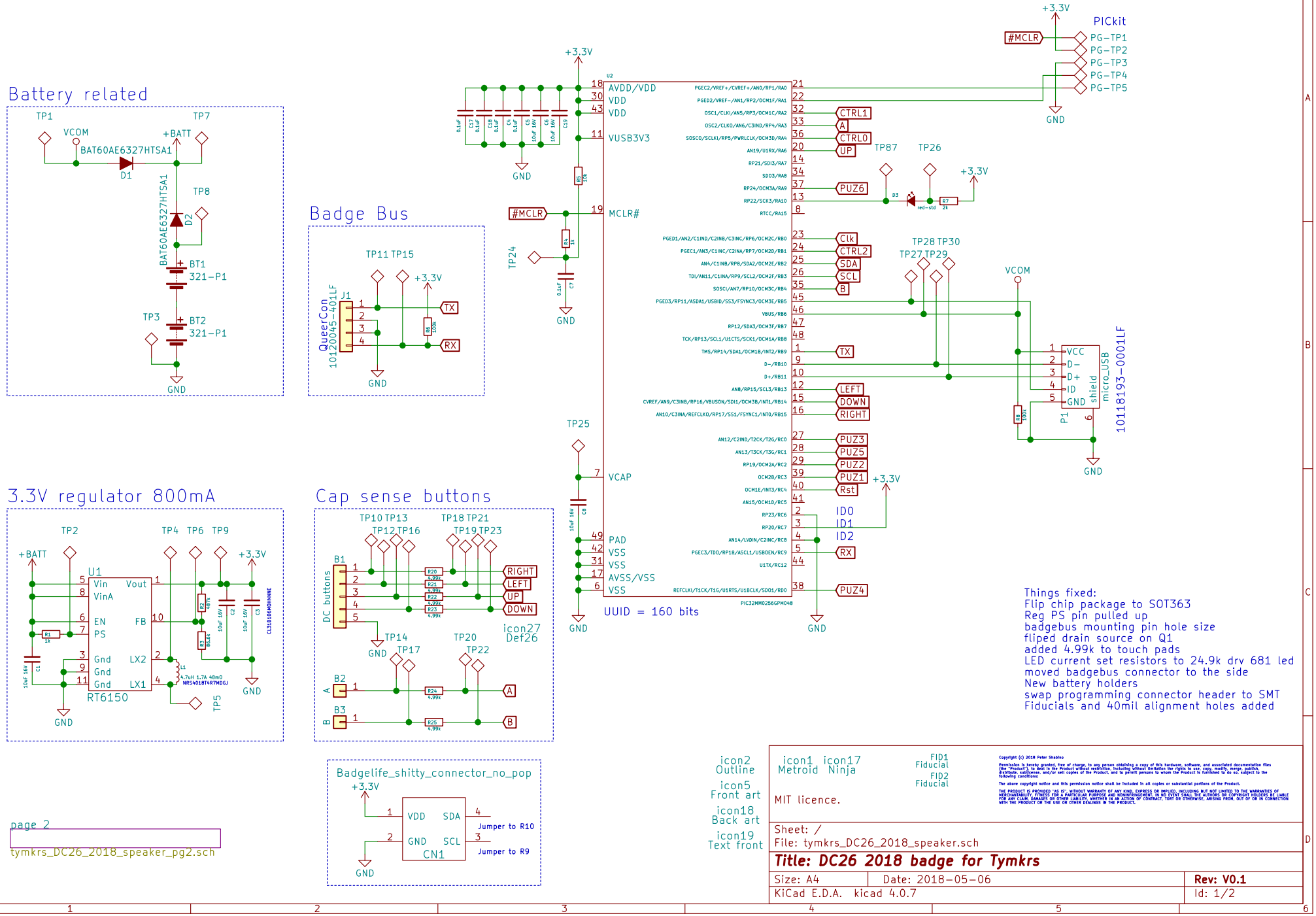
Battery related
TP1
VCOM
+BATT
TP7
BAT60AE6327HTSA1
D1
TP8
BAT60AE6327HTSA1
D2
BT1
321-P1
TP3
BT2
321-P1
GND
Badge Bus
TP11 TP15
+3.3V
J1
QueerCon
1012005-4011LF
TX
RX
GND
3.3V regulator 800mA
TP2
TP4 TP6 TP9
+3.3V
+BATT
U1
Vin
VinA
Vout
EN
PS
FB
Gnd
Gnd
Gnd
LX2
LX1
RT6150
GND
TP5
Cap sense buttons
TP10 TP13
TP12 TP16
TP18 TP21
TP19 TP23
B1
DC buttons
RIGHT
LEFT
UP
DOWN
icon27
Def26
TP14
TP17
TP20
TP22
B2
B3
A
B
Badgelife_shitty_connector_no_pop
+3.3V
VDD
SDA
GND
SCL
CN1
Jumper to R10
Jumper to R9
GND
+3.3V
U2
AVDD/VDD
VDD
VDD
VUSB3V3
MCLR#
#MCLR
TP24
GND
TP25
VCAP
PAD
VSS
VSS
AVSS/VSS
VSS
UUID = 160 bits
GND
PGEC2/VREF+/CVREF+/AN0/RP1/RA0
PGED2/VREF-/AN1/RP2/OCM1F/RA1
OSC1/CLKI/AN5/RP3/OCM1C/RA2
OSC2/CLKO/AN6/C3IND/RP4/RA3
SOSCO/SCLKI/RP5/PWRLCLK/OCM3D/RA4
AN19/U1RX/RA6
RP21/SDI3/RA7
SDO3/RA8
RP24/OCM3A/RA9
RP22/SCK3/RA10
RTCC/RA15
PGED1/AN2/C1IND/C2INB/C3INC/RP6/OCM2C/RB0
PGEC1/AN3/C1INC/C2INA/RP7/OCM2D/RB1
AN4/C1INB/RP8/SDA2/OCM2E/RB2
TDI/AN11/C1INA/RP9/SCL2/OCM2F/RB3
SOSCI/AN7/RP10/OCM3C/RB4
PGED3/RP11/ASDA1/USBID/SS3/FSYNC3/OCM3E/RB5
VBUS/RB6
RP12/SDA3/OCM3F/RB7
TCK/RP13/SCL1/U1CTS/SCK1/OCM1A/RB8
TMS/RP14/SDA1/OCM1B/INT2/RB9
D-/RB10
D+/RB11
AN8/RP15/SCL3/RB13
CVREF/AN9/C3INB/RP16/VBUSON/SDI1/OCM3B/INT1/RB14
AN10/C3INA/REFCLKO/RP17/SS1/FSYNC1/INT0/RB15
AN12/C2IND/T2CK/T2G/RC0
AN13/T3CK/T3G/RC1
RP19/OCM2A/RC2
OCM2B/RC3
OCM1E/INT3/RC4
AN15/OCM1D/RC5
RP23/RC6
RP20/RC7
AN14/LVDIN/C2INC/RC8
PGEC3/TDO/RP18/ASCL1/USBOEN/RC9
U1TX/RC12
REFCLKI/T1CK/T1G/U1RTS/U1BCLK/SDO1/RD0
PIC32MM0256GPM048
CTRL1
A
CTRL0
UP
PUZ6
Clk
CTRL2
SDA
SCL
B
TX
LEFT
DOWN
RIGHT
PUZ3
PUZ5
PUZ2
PUZ1
Rst
ID0
ID1
ID2
RX
PUZ4
TP87
TP26
+3.3V
D3
red-std
TP28 TP30
TP27 TP29
VCOM
VCC
D-
D+
ID
GND
shield
micro_USB
10118193-0001LF
P1
GND
+3.3V
#MCLR
PICkit
PG-TP1
PG-TP2
PG-TP3
PG-TP4
PG-TP5
GND
Things fixed:
Flip chip package to SOT363
Reg PS pin pulled up
badgebus mounting pin hole size
fliped drain source on Q1
added 4.99k to touch pads
LED current set resistors to 24.9k drv 681 led
moved badgebus connector to the side
New battery holders
swap programming connector header to SMT
Fiducials and 40mil alignment holes added
page 2
tymkrs_DC26_2018_speaker_pg2.sch
icon2
Outline
icon5
Front art
icon18
Back art
icon19
Text front
icon1 icon17
Metroid Ninja
MIT licence.
FID1
Fiducial
FID2
Fiducial
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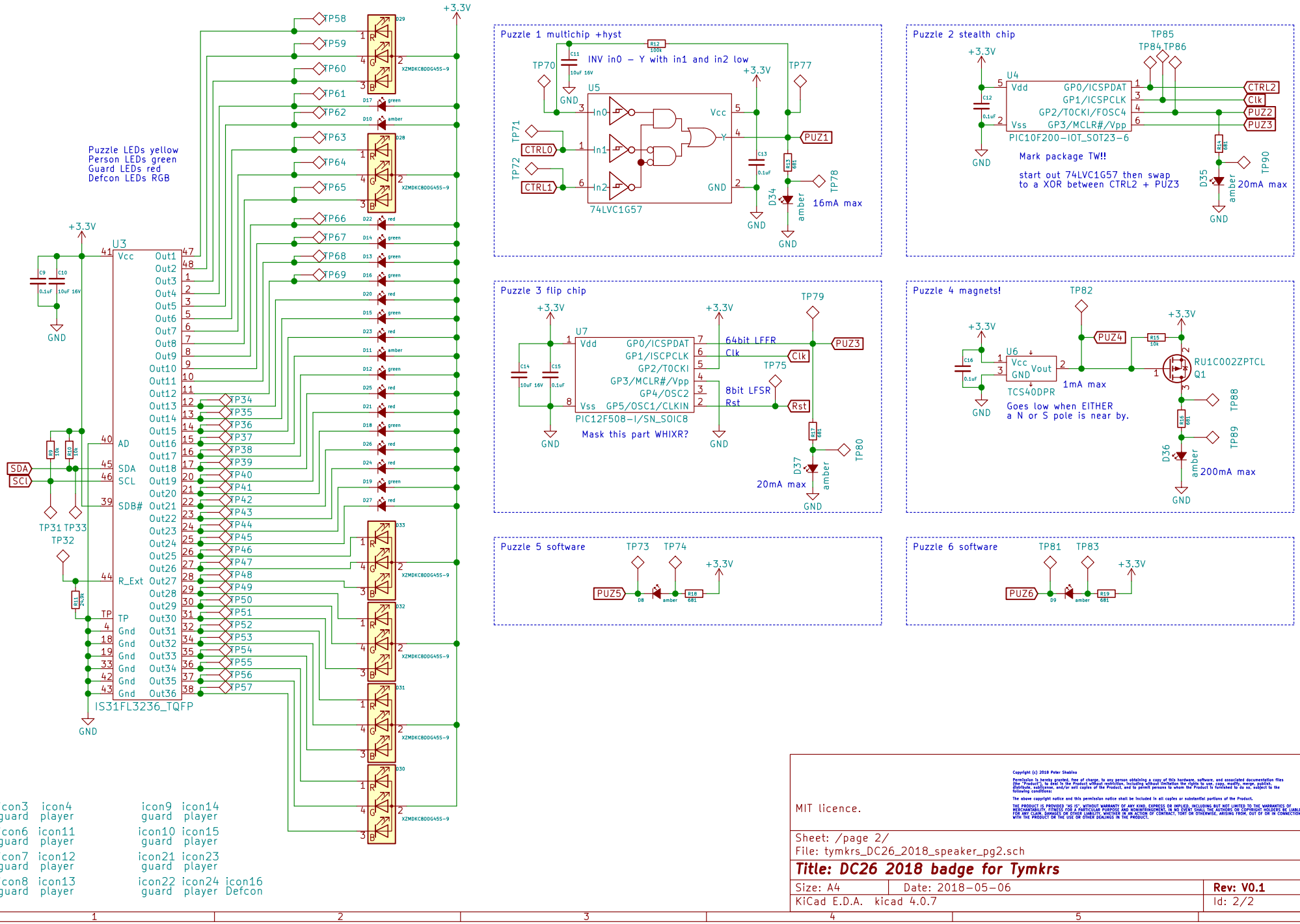
Sheet: /
File: tymkrs_DC26_2018_speaker.sch
Title: DC26 2018 badge for Tymkrs
Size: A4
Date: 2018-05-06
Rev: V0.1
KiCad E.D.A. kicad 4.0.7
Id: 1/2



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Sheet: /page 2/
File: tymkrs_DC26_2018_speaker_pg2.sch

Title: DC26 2018 badge for Tymkrs

Size: A4	Date: 2018-05-06	Rev: V0.1
KiCad E.D.A. kicad 4.0.7		Id: 2/2