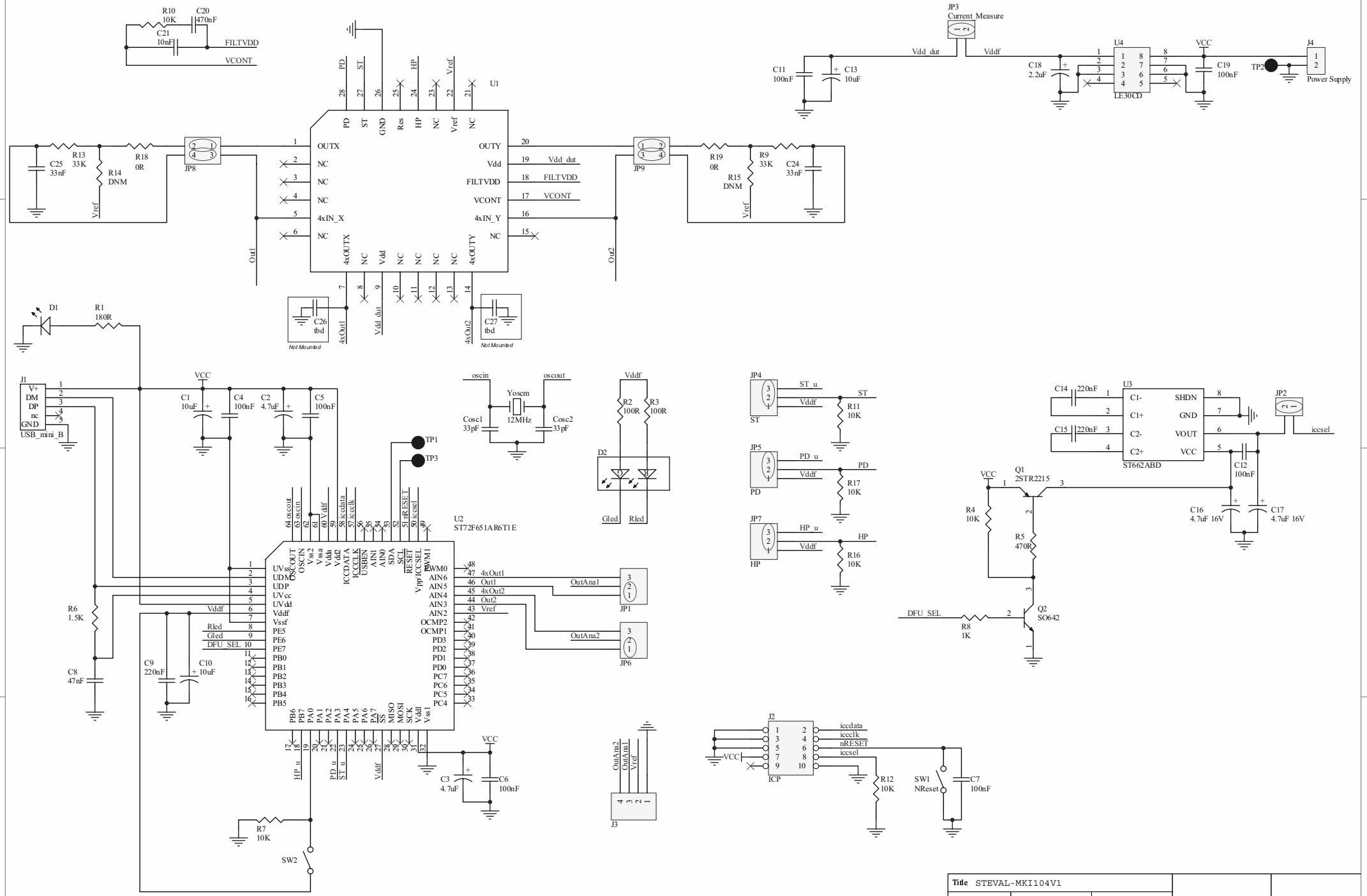
R10 10K
C20 470nF
C21 10nF
FILTVDD
VCONT
U1
OUTX
NC
4xIN_X
OUTY
Vdd
FILTVDD
VCONT
4xIN_Y
4xOUTX
4xOUTY
Vdd_dut
Out1
Out2
C25 33nF
R13 33K
R14 DNM
R18 0R
JP8
JP9
R19 0R
R15 DNM
R9 33K
C24 33nF
Vref
C26 tbd
C27 tbd
Not Mounted
4xOut1
4xOut2
JP3 Current Measure
C11 100nF
C13 10uF
Vdd_dut
Vddf
U4
LE30CD
C18 2.2uF
VCC
C19 100nF
TP2
J4
Power Supply
D1
R1 180R
J1
USB_mini_B
C1 10uF
C4 100nF
C2 4.7uF
C5 100nF
TP1
TP3
oscin
oscout
Yoscm
12MHz
Cosc1 33pF
Cosc2 33pF
Vddf
R2 100R
R3 100R
D2
Gled
Rled
U2
ST72F651AR6T1E
JP4
ST_u
ST
R11 10K
JP5
PD_u
PD
R17 10K
JP7
HP_u
HP
R16 10K
C14 220nF
C15 220nF
U3
ST662ABD
JP2
iccsel
C12 100nF
Q1 2STR2215
R4 10K
R5 470R
C16 4.7uF 16V
C17 4.7uF 16V
DFU_SEL
R8 1K
Q2 SO642
R6 1.5K
C8 47nF
C9 220nF
C10 10uF
OutAna1
OutAna2
JP1
JP6
C3 4.7uF
C6 100nF
R7 10K
SW2
J3
J2
ICP
iccdata
icccl k
nRESET
iccsel
R12 10K
SW1 NReset
C7 100nF
Title STEVAL-MKI104V1
Size: A3
Number:
Revision:
Date: 10/6/2009
Time: 5:21:42 PM
Sheet 1 of 1
File: EK 4X5 G2A - Rev1_0 - Rev1_0.schdoc