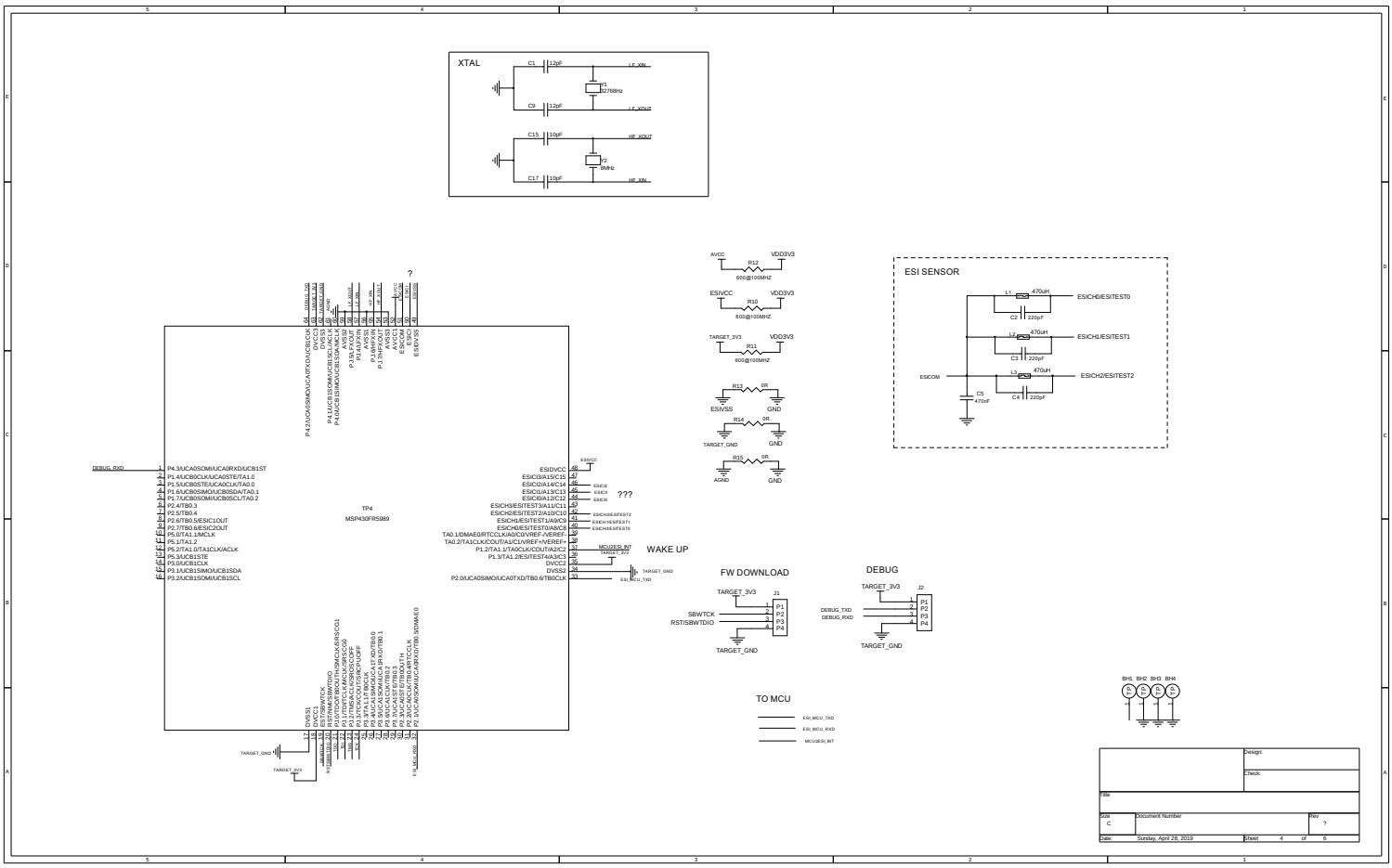
XTAL
C1 12pF
C9 12pF
C15 10pF
C17 10pF
I.F. XIN
I.F. XOUT
HF_XOUT
HF_XIN
Y1 32.768KHz
Y2 8MHz
?
TP4
MSP430FR5989
???
WAKE UP
MCU2ESI_INT
TARGET_3V3
TARGET_GND
ESI_MCU_TXD
DEBUG_RXD
ESIVCC
AVCC
VDD3V3
R12 600@100MHZ
R10 600@100MHZ
R11 600@100MHZ
R13 0R
R14 0R
R15 0R
ESIVSS
GND
AGND
ESI SENSOR
L1 470uH
L2 470uH
L3 470uH
C2 220pF
C3 220pF
C4 220pF
C5 470nF
ESICOM
ESICH0/ESITEST0
ESICH1/ESITEST1
ESICH2/ESITEST2
FW DOWNLOAD
J1
SBWTCK
RST/SBWTDIO
DEBUG
J2
DEBUG_TXD
DEBUG_RXD
TO MCU
ESI_MCU_TXD
ESI_MCU_RXD
MCU2ESI_INT
BH1 BH2 BH3 BH4
Design:
Check:
Title
Size C
Document Number
Rev ?
Date: Sunday, April 28, 2019
Sheet 4 of 6