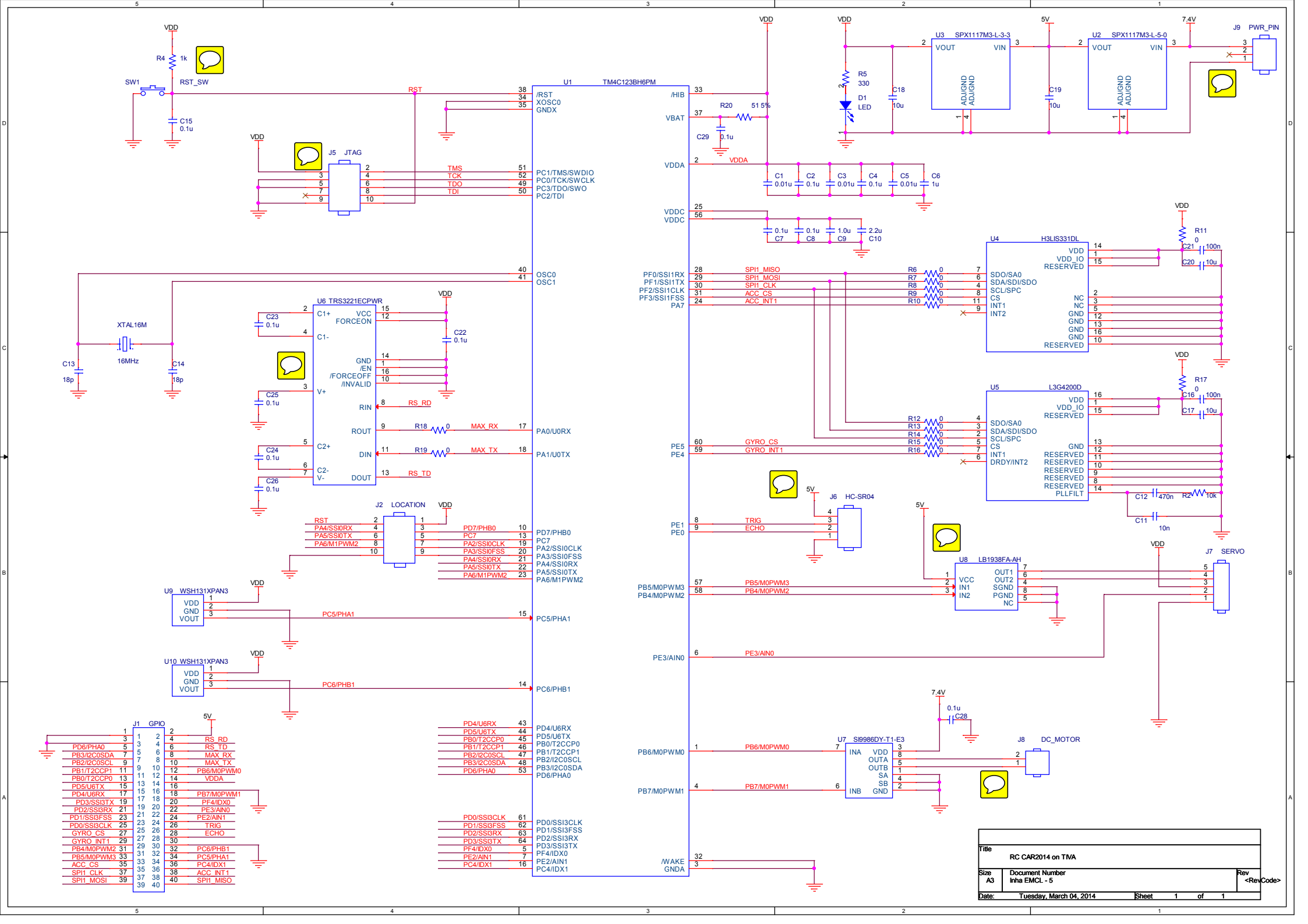
U1 TM4C123BH6PM
/RST
XOSC0
GNDX
/HIB
VBAT
VDDA
VDDC
VDDC
PC1/TMS/SWDIO
PC0/TCK/SWCLK
PC3/TDO/SWO
PC2/TDI
OSC0
OSC1
PA0/U0RX
PA1/U0TX
PD7/PHB0
PC7
PA2/SSI0CLK
PA3/SSI0FSS
PA4/SSI0RX
PA5/SSI0TX
PA6/M1PWM2
PC5/PHA1
PC6/PHB1
PD4/U6RX
PD5/U6TX
PB0/T2CCP0
PB1/T2CCP1
PB2/I2C0SCL
PB3/I2C0SDA
PD6/PHA0
PD0/SSI3CLK
PD1/SSI3FSS
PD2/SSI3RX
PD3/SSI3TX
PF4/IDX0
PE2/AIN1
PC4/IDX1
/WAKE
GNDA
PF0/SSI1RX
PF1/SSI1TX
PF2/SSI1CLK
PF3/SSI1FSS
PA7
PE5
PE4
PE1
PE0
PB5/M0PWM3
PB4/M0PWM2
PE3/AIN0
PB6/M0PWM0
PB7/M0PWM1
J5 JTAG
TMS
TCK
TDO
TDI
U6 TRS3221ECPWR
VCC
FORCEON
GND
/EN
/FORCEOFF
/INVALID
RIN
ROUT
DIN
DOUT
RS_RD
MAX_RX
MAX_TX
RS_TD
XTAL16M
16MHz
J2 LOCATION
U9 WSH131XPAN3
U10 WSH131XPAN3
VDD
GND
VOUT
J1 GPIO
U3 SPX1117M3-L-3-3
U2 SPX1117M3-L-5-0
VOUT
VIN
ADJ/GND
J9 PWR_PIN
U4 H3LIS331DL
VDD_IO
RESERVED
SDO/SA0
SDA/SDI/SDO
SCL/SPC
CS
INT1
INT2
NC
SPI1_MISO
SPI1_MOSI
SPI1_CLK
ACC_CS
ACC_INT1
U5 L3G4200D
DRDY/INT2
PLLFILT
GYRO_CS
GYRO_INT1
J6 HC-SR04
TRIG
ECHO
U8 LB1938FA-AH
OUT1
OUT2
SGND
PGND
J7 SERVO
U7 SI9986DY-T1-E3
INA
INB
OUTA
OUTB
SA
SB
J8 DC_MOTOR
PB6/M0PWM0
PB7/M0PWM1
PE3/AIN0
PB5/M0PWM3
PB4/M0PWM2
Title
RC CAR2014 on TIVA
Size
A3
Document Number
Inha EMCL - 5
Rev
<RevCode>
Date:
Tuesday, March 04, 2014
Sheet 1 of 1