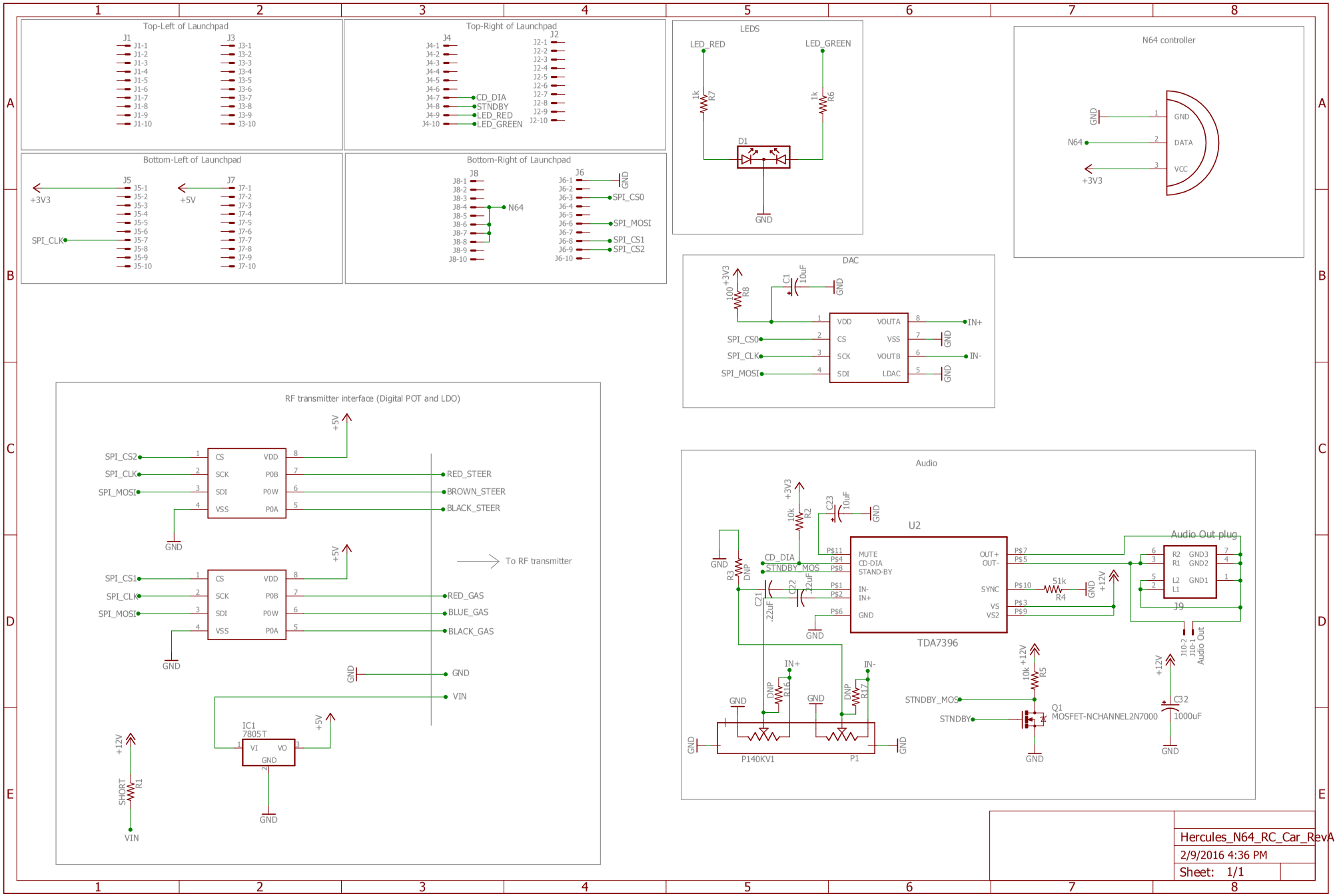
Top-Left of Launchpad
J1
J3
Top-Right of Launchpad
J4
J2
CD_DIA
STNDBY
LED_RED
LED_GREEN
Bottom-Left of Launchpad
J5
J7
+3V3
+5V
SPI_CLK
Bottom-Right of Launchpad
J8
J6
N64
GND
SPI_CS0
SPI_MOSI
SPI_CS1
SPI_CS2
LEDS
LED_RED
LED_GREEN
1k
R7
R6
D1
N64 controller
GND
N64
DATA
VCC
+3V3
DAC
100
R8
C1
10uF
VDD
CS
SCK
SDI
VOUTA
VSS
VOUTB
LDAC
IN+
IN-
SPI_CS0
SPI_CLK
SPI_MOSI
RF transmitter interface (Digital POT and LDO)
+5V
SPI_CS2
SPI_CLK
SPI_MOSI
CS
SCK
SDI
VSS
VDD
P0B
P0W
P0A
RED_STEER
BROWN_STEER
BLACK_STEER
To RF transmitter
SPI_CS1
RED_GAS
BLUE_GAS
BLACK_GAS
GND
VIN
IC1
7805T
VI
VO
+12V
SHORT
R1
Audio
U2
10k
R2
C23
10uF
R3
DNP
CD_DIA
STNDBY_MOS
C21
.22uF
C22
.22uF
MUTE
CD-DIA
STAND-BY
IN-
IN+
OUT+
OUT-
SYNC
VS
VS2
TDA7396
51k
R4
Audio Out plug
J9
Audio Out
IN+
IN-
R16
R17
P140KV1
P1
10k
R5
STNDBY_MOS
STNDBY
Q1
MOSFET-NCHANNEL2N7000
C32
1000uF
Hercules_N64_RC_Car_RevA
2/9/2016 4:36 PM
Sheet: 1/1