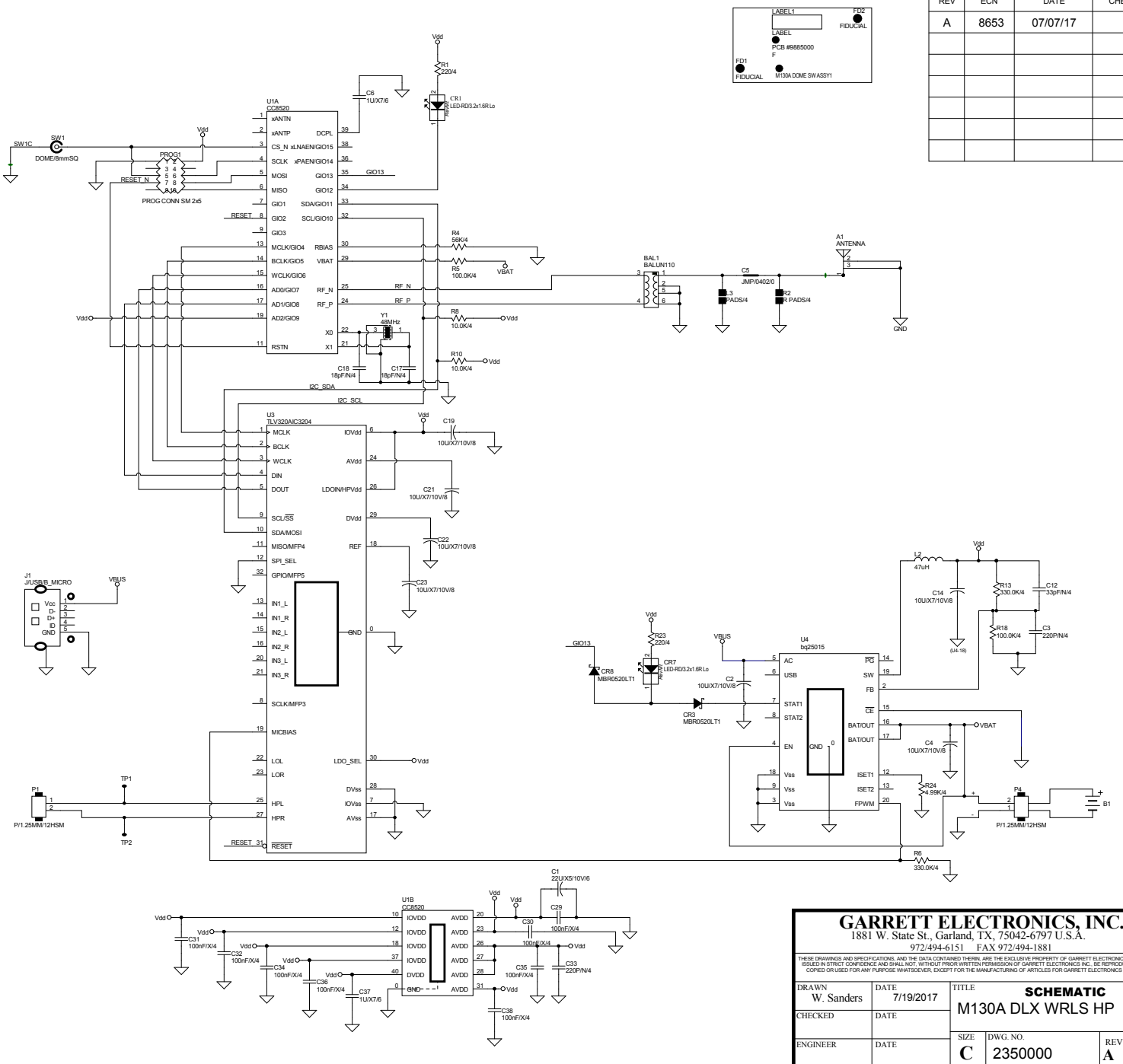

REVISIONS
REV | ECN | DATE | CHECKED
A | 8653 | 07/07/17
LABEL1
LABEL
PCB #9885000
F
FD1 FIDUCIAL
FD2 FIDUCIAL
M130A DOME SW ASSY1
U1A CC8520
xANTN
xANTP
CS_N xLNAEN/GIO15
SCLK xPAEN/GIO14
MOSI GIO13
MISO GIO12
GIO1 SDA/GIO11
GIO2 SCL/GIO10
GIO3
MCLK/GIO4 RBIAS
BCLK/GIO5 VBAT
WCLK/GIO6
AD0/GIO7 RF_N
AD1/GIO8 RF_P
AD2/GIO9
RSTN X1
X0
DCPL
xLNAEN/GIO15
xPAEN/GIO14
GIO13
SW1C
SW1
DOME/8mmSQ
PROG1
PROG CONN SM 2x5
RESET_N
RESET
I2C_SDA
I2C_SCL
Y1 48MHz
C6 1U/X7/6
C17 18pF/N/4
C18 18pF/N/4
R1 220/4
CR1 LED-RD/3.2x1.6R Lo
R4 59K/4
R5 100.0K/4
R8 10.0K/4
R10 10.0K/4
VBAT
RF_N
RF_P
BAL1 BALUN110
C5 JMP/0402/0
L3 PADS/4
R2 PADS/4
A1 ANTENNA
GND
U3 TLV320AIC3204
MCLK
BCLK
WCLK
DIN
DOUT
SCL/SS
SDA/MOSI
MISO/MFP4
SPI_SEL
GPIO/MFP5
IN1_L
IN1_R
IN2_L
IN2_R
IN3_L
IN3_R
SCLK/MFP3
MICBIAS
LOL
LOR
HPL
HPR
RESET
IOVdd
AVdd
LDOIN/HPVdd
DVdd
REF
GND
LDO_SEL
DVss
IOVss
AVss
C19 10U/X7/10V/8
C21 10U/X7/10V/8
C22 10U/X7/10V/8
C23 10U/X7/10V/8
J1 JUSB/B_MICRO
Vcc
D-
D+
ID
GND
VBUS
P1 P/1.25MM/12HSM
TP1
TP2
U4 bq25015
AC
USB
STAT1
STAT2
EN
Vss
PG
SW
FB
CE
BAT/OUT
ISET1
ISET2
FPWM
L2 47uH
C14 10U/X7/10V/8
C2 10U/X7/10V/8
C4 10U/X7/10V/8
R13 330.0K/4
R18 100.0K/4
C12 33pF/N/4
C3 220P/N/4
R23 220/4
CR7 LED-RD/3.2x1.6R Lo
CR8 MBR0520LT1
CR3 MBR0520LT1
R24 4.99K/4
R6 330.0K/4
P4 P/1.25MM/12HSM
B1
GIO13
U1B CC8520
IOVDD
DVDD
GND
AVDD
C1 22U/X5/10V/6
C29 100nF/X/4
C30 100nF/X/4
C31 100nF/X/4
C32 100nF/X/4
C34 100nF/X/4
C36 100nF/X/4
C37 1U/X7/6
C35 100nF/X/4
C33 220P/N/4
C38 100nF/X/4
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972/494-6151 FAX 972/494-1881
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DRAWN W. Sanders
DATE 7/19/2017
CHECKED
DATE
ENGINEER
DATE
TITLE SCHEMATIC
M130A DLX WRLS HP
SIZE C
DWG. NO. 2350000
REV A
SHEET 1 of 2
8/16/2017 2:12:20 PM
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