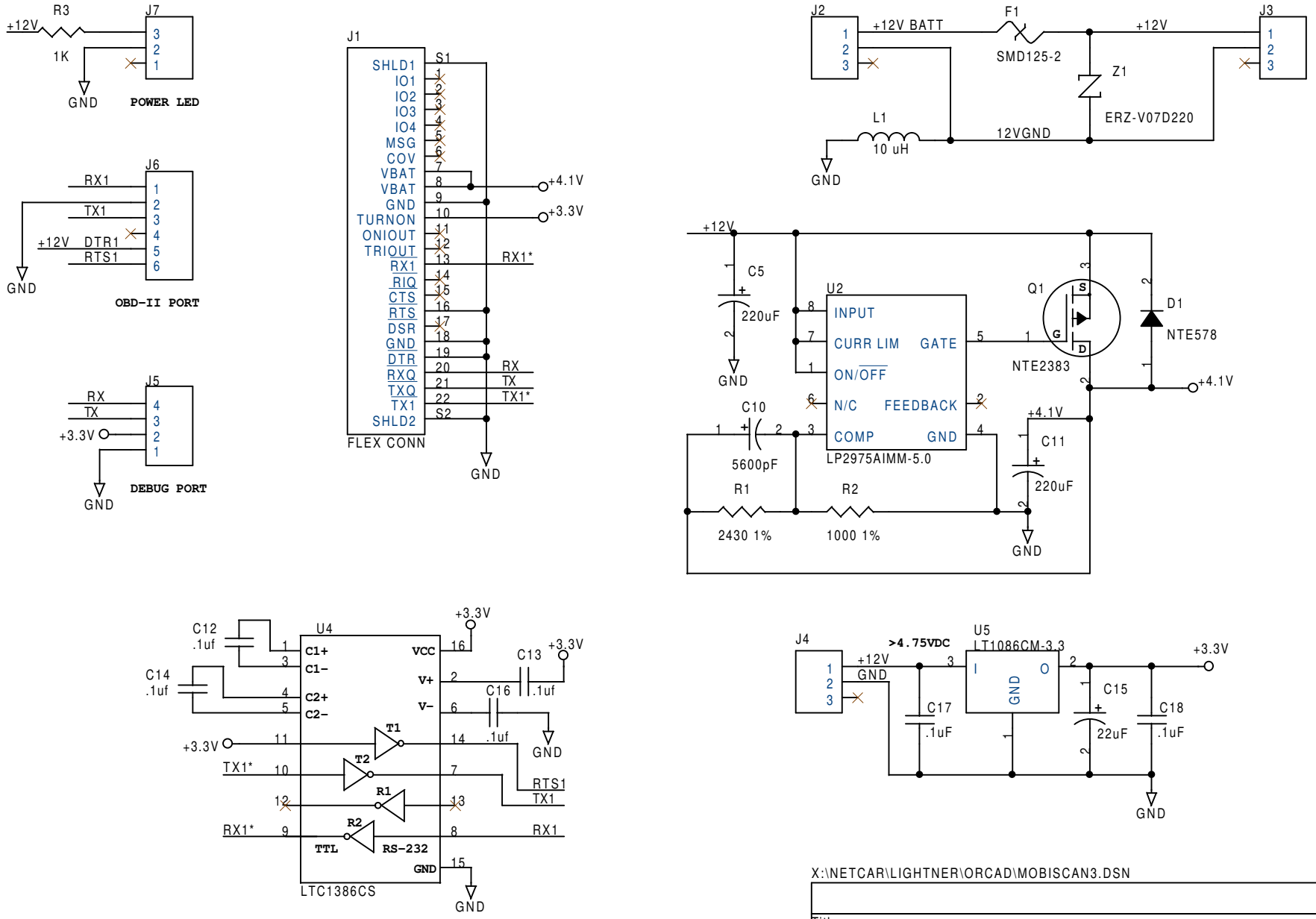
R3
+12V
1K
GND
J7
POWER LED
J6
RX1
TX1
+12V
DTR1
RTS1
GND
OBD-II PORT
J5
RX
TX
+3.3V
GND
DEBUG PORT
J1
SHLD1
IO1
IO2
IO3
IO4
MSG
COV
VBAT
VBAT
GND
TURNON
ONIOUT
TRIOUT
RX1
RIQ
CTS
RTS
DSR
GND
DTR
RXQ
TXQ
TX1
SHLD2
S1
S2
+4.1V
+3.3V
RX1*
RX
TX
TX1*
GND
FLEX CONN
J2
+12V BATT
F1
SMD125-2
+12V
J3
Z1
ERZ-V07D220
L1
10 uH
12VGND
GND
+12V
C5
220uF
GND
U2
INPUT
CURR LIM
GATE
ON/OFF
N/C
FEEDBACK
COMP
GND
LP2975AIMM-5.0
Q1
S
G
D
NTE2383
D1
NTE578
+4.1V
C10
5600pF
R1
2430 1%
R2
1000 1%
+4.1V
C11
220uF
GND
C12
.1uf
C14
.1uf
U4
C1+
C1-
C2+
C2-
VCC
V+
V-
+3.3V
C13
.1uf
C16
.1uf
GND
T1
T2
R1
R2
TTL
RS-232
GND
+3.3V
TX1*
RX1*
RTS1
TX1
RX1
LTC1386CS
GND
J4
>4.75VDC
+12V
GND
U5
LT1086CM-3.3
I
O
GND
+3.3V
C17
.1uF
C15
22uF
C18
.1uF
GND
X:\NETCAR\LIGHTNER\ORCAD\MOBISCAN3.DSN
Title
RIM 902M Radio Modem Carrier Breadboard
Size
A
Document Number
NetworkCar
Rev
1.0
Date:
Saturday, February 26, 2000
Sheet
1
of
1