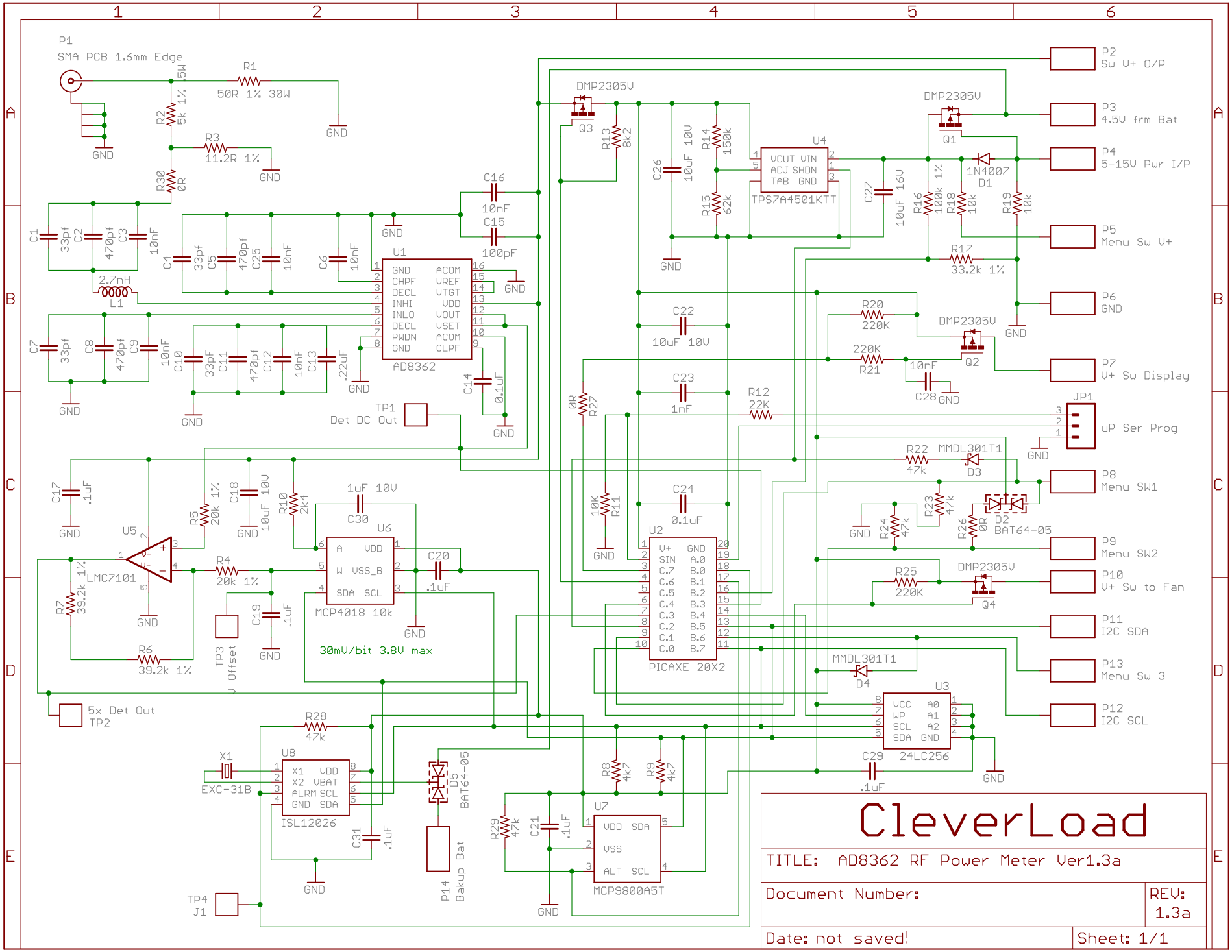
P1
SMA PCB 1.6mm Edge
R1
50R 1% 30W
R2
5k 1% .5W
R3
11.2R 1%
R30
0R
GND
C1
33pf
C2
470pf
C3
10nF
C4
33pf
C5
470pf
C25
10nF
C6
10nF
C16
10nF
C15
100pF
2.7nH
L1
U1
AD8362
GND
CHPF
DECL
INHI
INLO
DECL
PWDN
GND
ACOM
VREF
VTGT
VDD
VOUT
VSET
ACOM
CLPF
C7
33pf
C8
470pf
C9
10nF
C10
33pF
C11
470pf
C12
10nF
C13
.22uF
C14
0.1uF
TP1
Det DC Out
C17
.1uF
U5
LMC7101
R5
20k 1%
C18
10uF 10V
R10
2k4
R7
39.2k 1%
R6
39.2k 1%
R4
20k 1%
C19
.1uF
TP3
V Offset
1uF 10V
C30
U6
MCP4018 10k
A
W
SDA
VDD
VSS_B
SCL
C20
.1uF
30mV/bit 3.8V max
5x Det Out
TP2
DMP2305V
Q3
R13
8k2
C26
10uF 10V
R14
150k
R15
62k
U4
TPS7A4501KTT
VOUT VIN
ADJ SHDN
TAB GND
C27
10uF 16V
DMP2305V
Q1
1N4007
D1
R16
100k 1%
R18
10k
R19
10k
P2
Sw V+ O/P
P3
4.5V frm Bat
P4
5-15V Pwr I/P
P5
Menu Sw V+
R17
33.2k 1%
P6
GND
C22
10uF 10V
R20
220K
DMP2305V
Q2
220K
R21
10nF
C28
P7
V+ Sw Display
JP1
uP Ser Prog
C23
1nF
R12
22K
0R
R27
10K
R11
C24
0.1uF
U2
PICAXE 20X2
V+
SIN
C.7
C.6
C.5
C.4
C.3
C.2
C.1
C.0
GND
A.0
B.0
B.1
B.2
B.3
B.4
B.5
B.6
B.7
R22
47k
MMDL301T1
D3
P8
Menu SW1
R23
47k
R24
47k
R26
0R
D2
BAT64-05
P9
Menu SW2
R25
220K
DMP2305V
Q4
P10
V+ Sw to Fan
P11
I2C SDA
P13
Menu Sw 3
P12
I2C SCL
MMDL301T1
D4
U3
24LC256
VCC
WP
SCL
SDA
A0
A1
A2
GND
C29
.1uF
R28
47k
X1
EXC-31B
U8
ISL12026
X1
X2
ALRM
GND
VDD
VBAT
SCL
SDA
C31
.1uF
D5
BAT64-05
P14
Bakup Bat
R8
4k7
R9
4k7
R29
47k
C21
.1uF
U7
MCP9800A5T
VDD
VSS
ALT
SDA
SCL
TP4
J1
CleverLoad
TITLE: AD8362 RF Power Meter Ver1.3a
Document Number:
REV: 1.3a
Date: not saved!
Sheet: 1/1