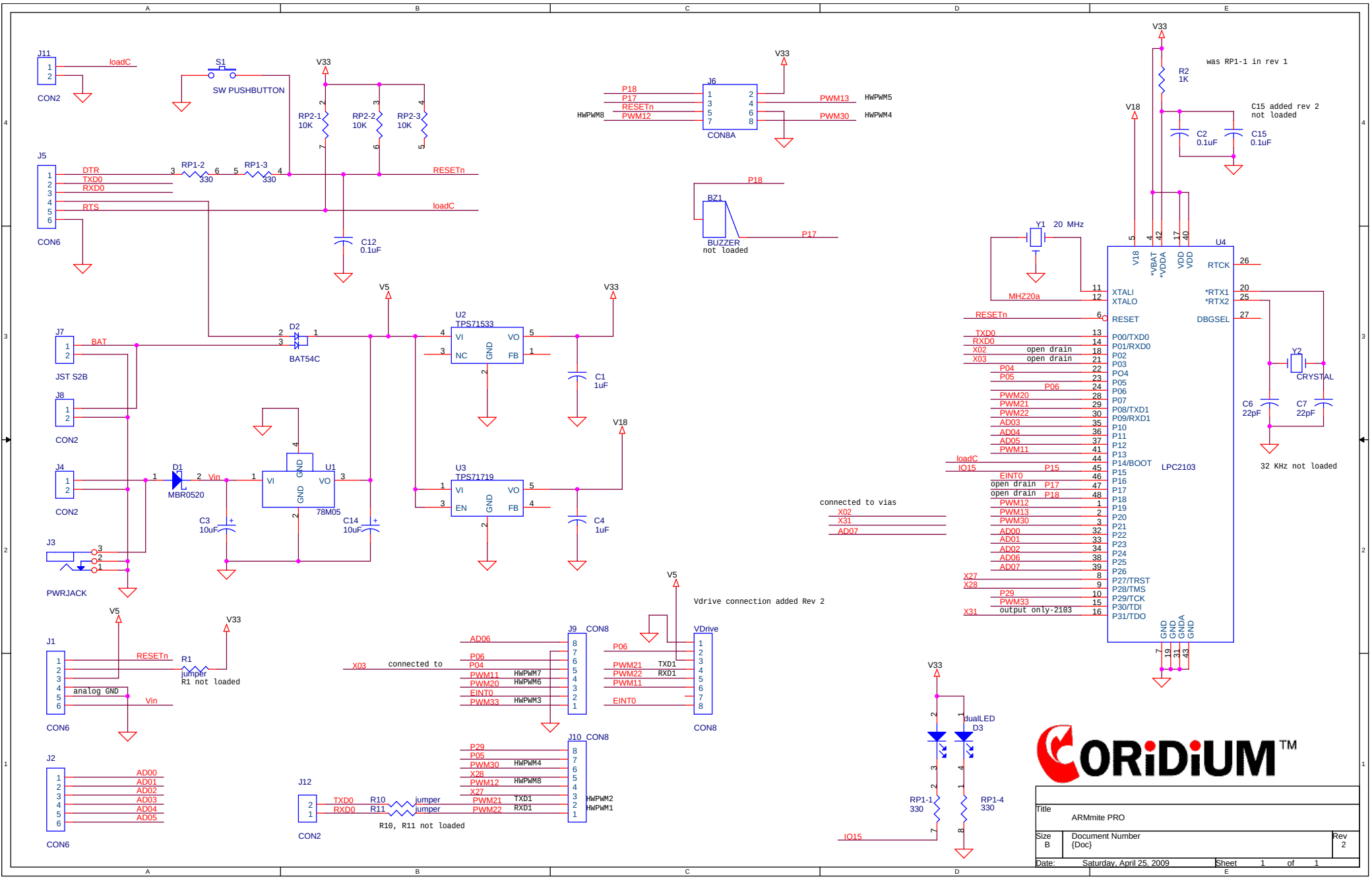
J11
CON2
loadC
S1
SW PUSHBUTTON
V33
RP2-1
10K
RP2-2
10K
RP2-3
10K
J5
CON6
DTR
TXD0
RXD0
RTS
RP1-2
330
RP1-3
330
RESETn
loadC
C12
0.1uF
J6
CON8A
P18
P17
RESETn
PWM12
HWPWM8
PWM13
PWM30
HWPWM5
HWPWM4
BZ1
BUZZER
not loaded
P18
P17
was RP1-1 in rev 1
R2
1K
V18
C15 added rev 2
not loaded
C2
0.1uF
C15
0.1uF
Y1 20 MHz
MHZ20a
U4
LPC2103
V18
*VBAT
*VDDA
VDD
VDD
RTCK
XTALI
XTALO
RESET
DBGSEL
*RTX1
*RTX2
RESETn
TXD0
RXD0
X02
X03
open drain
open drain
P04
P05
P06
PWM20
PWM21
PWM22
AD03
AD04
AD05
PWM11
loadC
IO15
P15
EINT0
open drain P17
open drain P18
PWM12
PWM13
PWM30
AD00
AD01
AD02
AD06
AD07
X27
X28
P29
PWM33
X31
output only-2103
P00/TXD0
P01/RXD0
P02
P03
PO4
P05
P06
P07
P08/TXD1
P09/RXD1
P10
P11
P12
P13
P14/BOOT
P15
P16
P17
P18
P19
P20
P21
P22
P23
P24
P25
P26
P27/TRST
P28/TMS
P29/TCK
P30/TDI
P31/TDO
GND
GND
GND
GND
Y2
CRYSTAL
C6
22pF
C7
22pF
32 KHz not loaded
J7
JST S2B
BAT
D2
BAT54C
V5
U2
TPS71533
VI
NC
GND
VO
FB
C1
1uF
V33
J8
CON2
J4
CON2
D1
MBR0520
Vin
U1
78M05
VI
GND
GND
VO
C3
10uF
C14
10uF
U3
TPS71719
VI
EN
GND
VO
FB
C4
1uF
V18
J3
PWRJACK
connected to vias
X02
X31
AD07
V5
Vdrive connection added Rev 2
J1
CON6
RESETn
R1
jumper
R1 not loaded
analog GND
Vin
V5
V33
J9 CON8
AD06
P06
P04
PWM11
PWM20
EINT0
PWM33
HWPWM7
HWPWM6
HWPWM3
X03
connected to
VDrive
CON8
P06
PWM21
PWM22
PWM11
EINT0
TXD1
RXD1
J2
CON6
AD00
AD01
AD02
AD03
AD04
AD05
J10 CON8
P29
P05
PWM30
X28
PWM12
X27
PWM21
PWM22
HWPWM4
HWPWM8
TXD1
RXD1
HWPWM2
HWPWM1
J12
CON2
TXD0
RXD0
R10
R11
jumper
jumper
R10, R11 not loaded
V33
dualLED
D3
RP1-1
330
RP1-4
330
IO15
CORiDiUM™
Title
ARMmite PRO
Size
B
Document Number
{Doc}
Rev
2
Date:
Saturday, April 25, 2009
Sheet
1
of
1