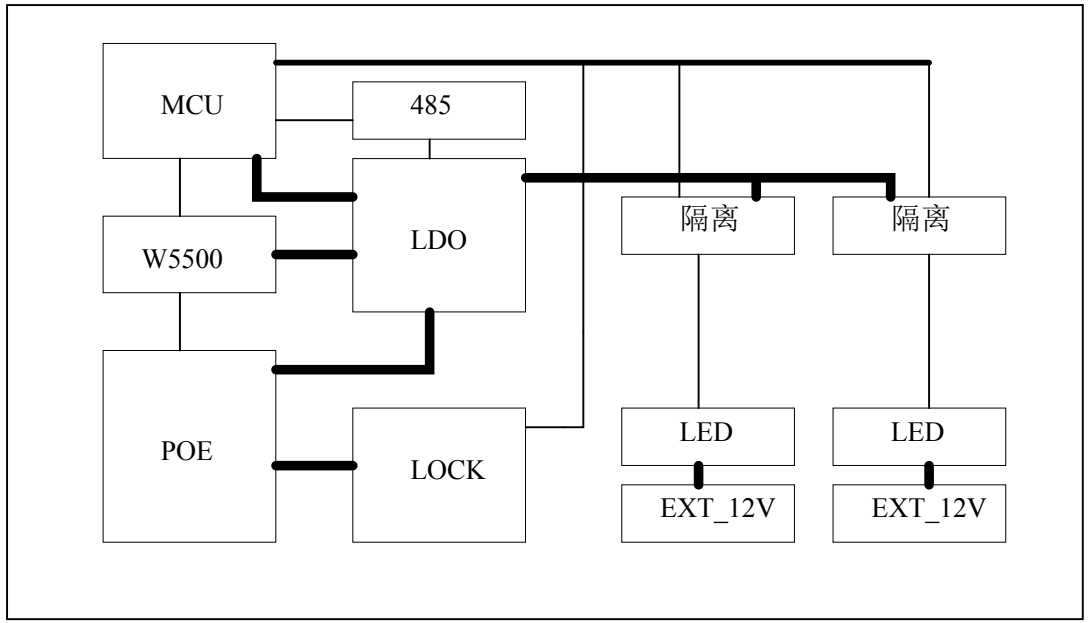
BingoBin_V1.0.10

Bingo

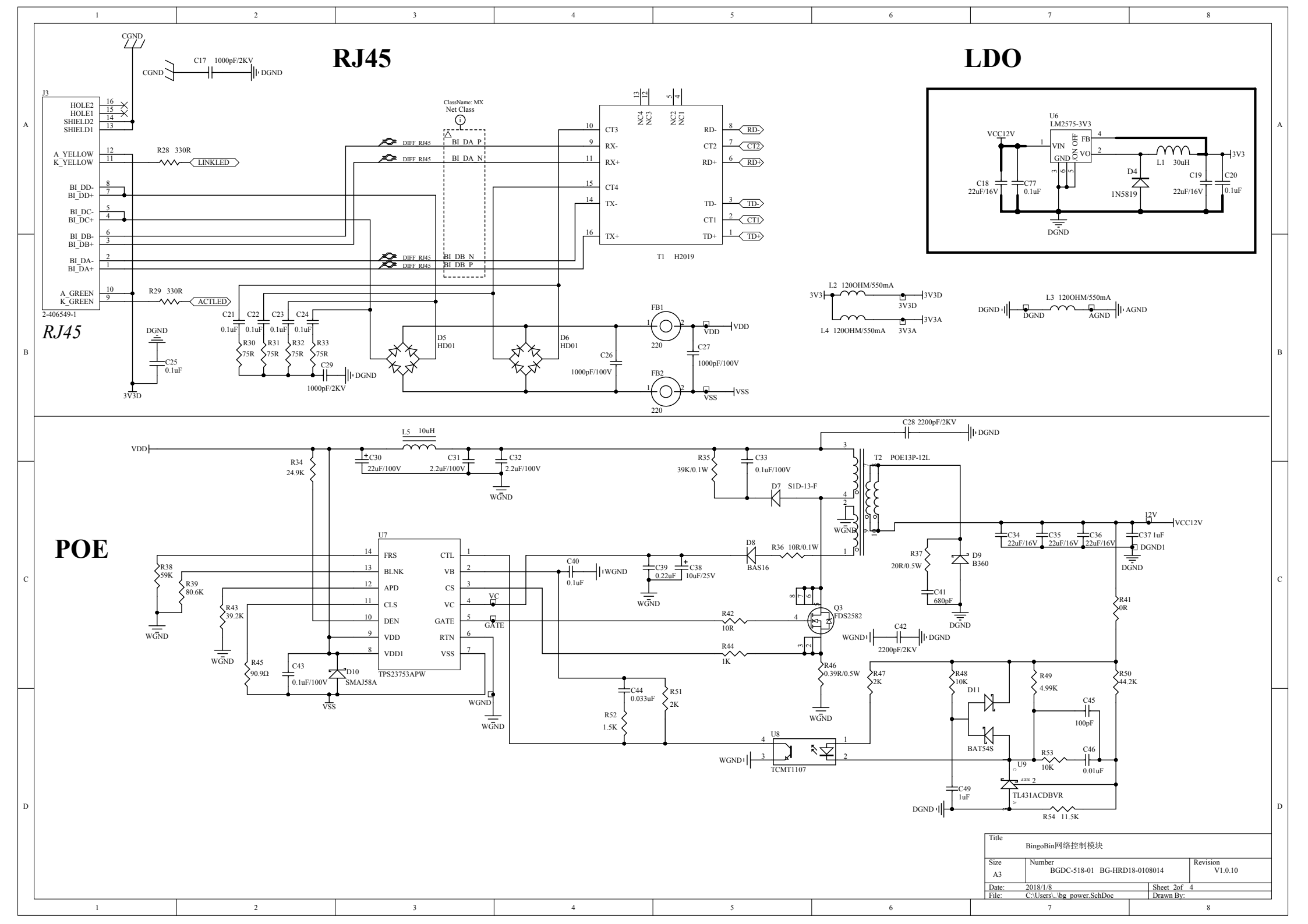
Signal

Bus

Power



Title	BingoBin网络控制模块		
Size A4	Number BGDC-518-01 BG-HRD18-0108014		Revision V1.0.10
Date:	2018/1/8	Sheet 1of 4	
File:	C:\Users\..\view.SchDoc	Drawn By:	


RJ45
LDO
POE
RJ45
CGND
C17 1000pF/2KV
DGND
J3
HOLE2
HOLE1
SHIELD2
SHIELD1
A_YELLOW
K_YELLOW
R28 330R
LINKLED
BI_DD-
BI_DD+
BI_DC-
BI_DC+
BI_DB-
BI_DB+
BI_DA-
BI_DA+
A_GREEN
K_GREEN
R29 330R
ACTLED
2-406549-1
ClassName: MX
Net Class
DIFF_RJ45
BI_DA_P
BI_DA_N
BI_DB_N
BI_DB_P
CT3
RX-
RX+
CT4
TX-
TX+
NC4
NC3
NC2
NC1
RD-
CT2
RD+
TD-
CT1
TD+
T1 H2019
C21 0.1uF
C22 0.1uF
C23 0.1uF
C24 0.1uF
R30 75R
R31 75R
R32 75R
R33 75R
C29 1000pF/2KV
C25 0.1uF
3V3D
D5 HD01
D6 HD01
FB1 220
FB2 220
C26 1000pF/100V
C27 1000pF/100V
VDD
VSS
U6
LM2575-3V3
VCC12V
VIN
GND
ON OFF
FB
VO
L1 30uH
3V3
D4 1N5819
C18 22uF/16V
C77 0.1uF
C19 22uF/16V
C20 0.1uF
L2 120OHM/550mA
L4 120OHM/550mA
L3 120OHM/550mA
AGND
L5 10uH
C30 22uF/100V
C31 2.2uF/100V
C32 2.2uF/100V
WGND
R34 24.9K
R35 39K/0.1W
C33 0.1uF/100V
D7 S1D-13-F
C28 2200pF/2KV
T2 POE13P-12L
12V
C34 22uF/16V
C35 22uF/16V
C36 22uF/16V
C37 1uF
DGND1
U7
FRS
BLNK
APD
CLS
DEN
VDD
VDD1
CTL
VB
CS
VC
GATE
RTN
VSS
TPS23753APW
R38 59K
R39 80.6K
R43 39.2K
R45 90.9Ω
C43 0.1uF/100V
D10 SMAJ58A
C40 0.1uF
C39 0.22uF
C38 10uF/25V
D8 BAS16
R36 10R/0.1W
R37 20R/0.5W
D9 B360
C41 680pF
Q3 FDS2582
R42 10R
R44 1K
C42 2200pF/2KV
R41 0R
R46 0.39R/0.5W
R47 2K
R48 10K
R49 4.99K
R50 44.2K
D11
BAT54S
C45 100pF
R53 10K
C46 0.01uF
U9
TL431ACDBVR
C49 1uF
R54 11.5K
C44 0.033uF
R51 2K
R52 1.5K
U8
TCMT1107
VC
GATE
Title
BingoBin网络控制模块
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A3
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BGDC-518-01 BG-HRD18-0108014
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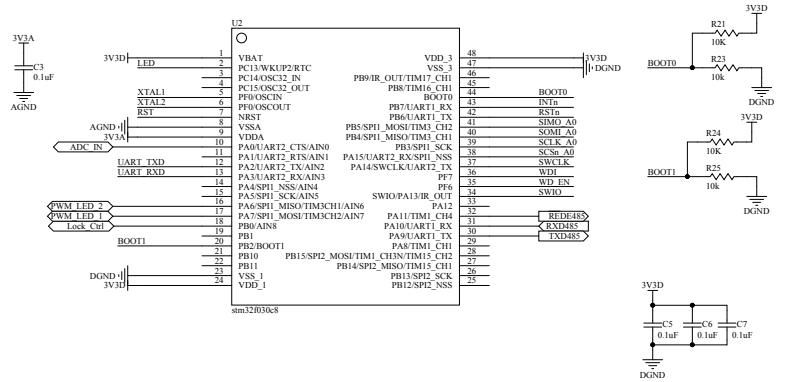
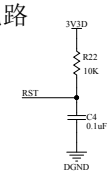
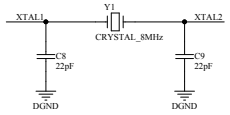
MCU



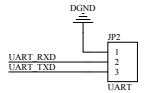
复位电路



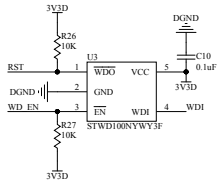
外部晶振电路



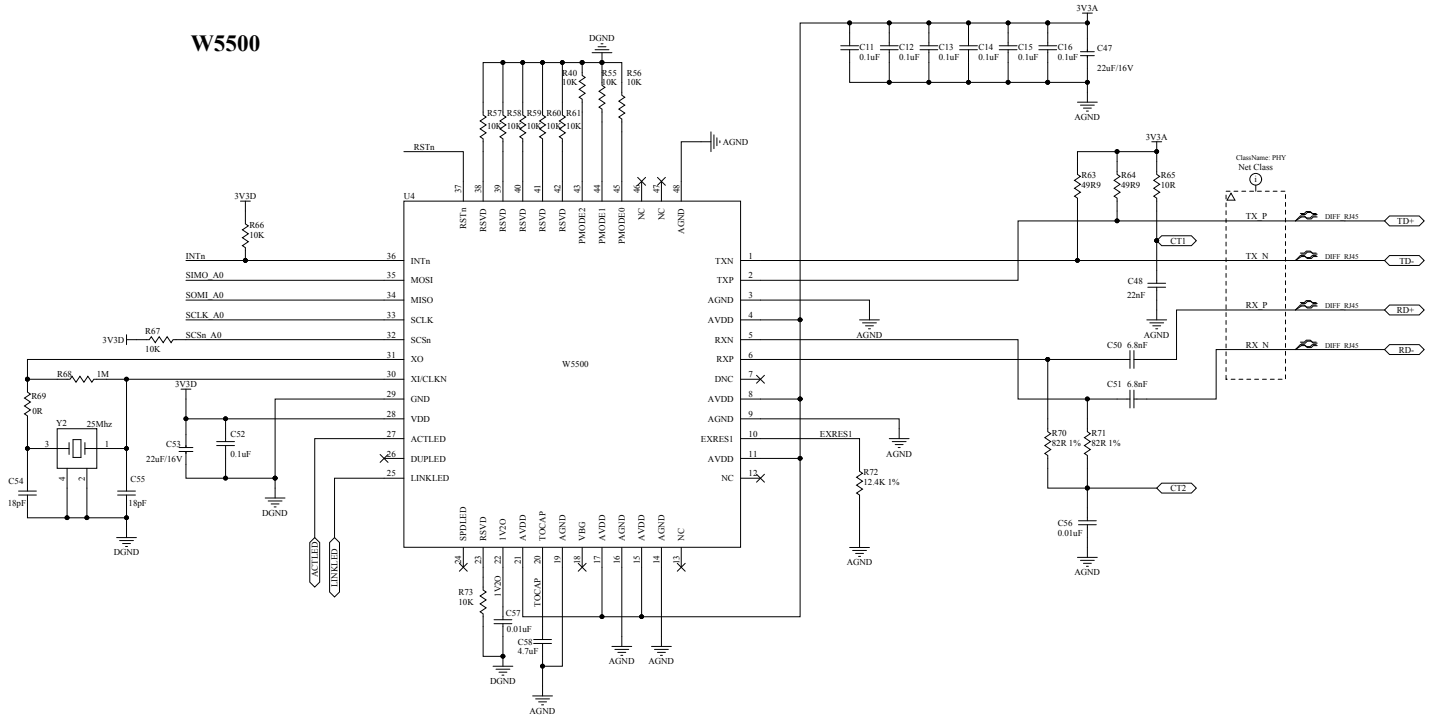
UART



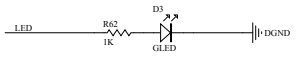
看门狗



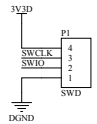
W5500



LED灯



SWD



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Size: A2	Number: BGDC-518-01 BG-HRD18-0108014	Revision: V1.0.10
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File: C:\Users\...\bg_MCU.SchDoc		Drawn By:

LED驱动/烟雾报警

此部分电路是烟雾报警、LED灯和485通讯接口复用电路，

不同功能焊接器件不同,参考以下说明：

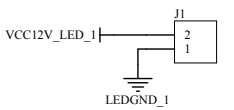
烟雾报警电路用件：

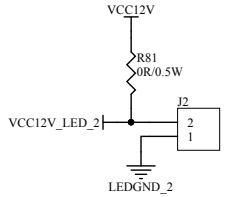
R5、R6、R8、R13、R80、R81、C1、J2、J5

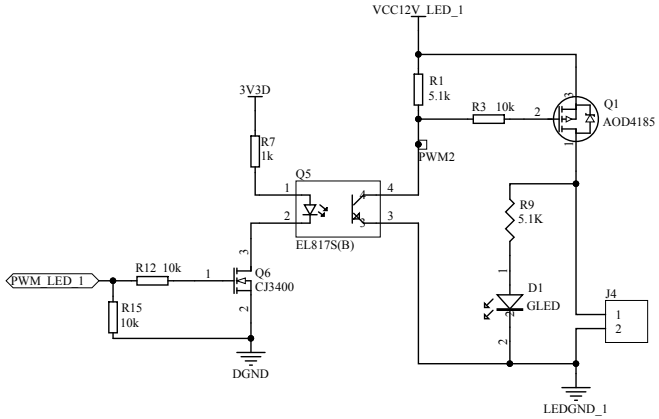
其中 "R13、R6、J2、J5" 烟雾报警和LED灯共用

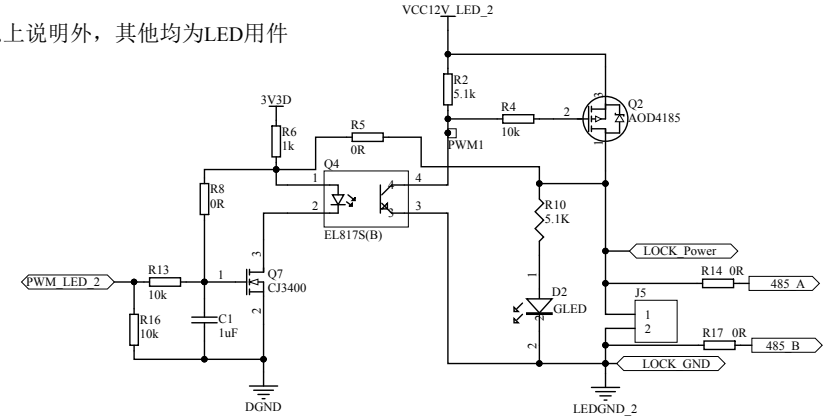
485通讯接口用件：R14、R17、J5

除以上说明外，其他均为LED用件

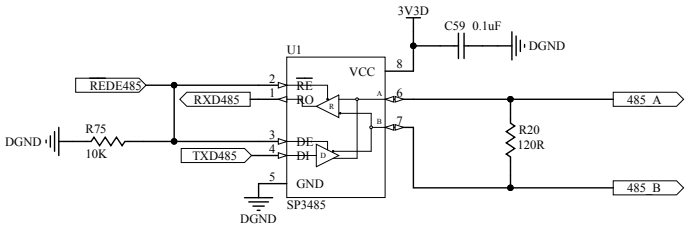




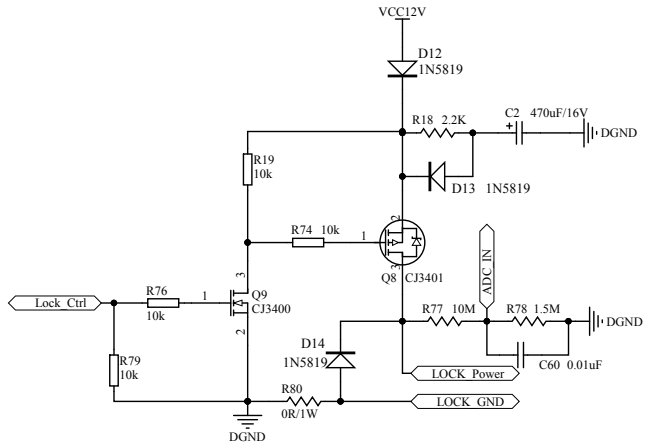




485通信



门锁驱动



Title	BingoBin网络控制模块	
Size: A3	Number: BGDC-518-01 BG-HRD18-0108014	Revision: V1.0.10
Date: 2018/1/8		Sheet 4of 4
File: C:\Users\..\bg_sensor.SchDoc		Drawn By: