GND GND

VBat

3.3Core

ServoMotor

RST RST
A0 A0
A1 A1
A2 A2
A3 A3
A4 A4
A5 A5
A6 A6
A7 A7
GND
VBAT

VBat

GND

VBAT GND B7 B6 B5 B4 B3 B2 B1 B0 GND 3.3
3.3

VBAT VBat
GND GND
A15 A15
A14 A14
A13 A13
A12 A12
A11 A11
A10 A10
A9 A9
A8 A8
GND GND
3.3 3.3Core

3.3 GND B8 B9 B10 B11 B12 B13 B14 B15 GND VBAT

B8 B9 B10 B11 B12 B13 B14 B15 GND VBAT

GND

3.3V
A0
RQ1
1KΩ
Q1
9014
Tap
GND

3.3V
RQ2c
330Ω
Pump
Q3
D882
A8
RQ2b
1KΩ
Q2
9014
GND

R5
1KΩ
3.3V
C+2 C2
100uF 0.1uF
GND Vout Vin P3.3
C+1
100uF VBat
0.1uF C3
GND
LP

U1
1KΩ R1
R4 470KΩ A7
U2
3.3Core
Vo- Vo-
GND Vs+
N/C Vo+
3.3Core
R2
1KΩ
R3 470KΩ
XGZP
OUT1 Vcc
IN1- OUT2
IN1+ IN2-
GND IN2+
LM358
GND

名称： 浮潜舱拓展板
尺寸： A4   设计师：Meano   版本： 1.0
日期： 2016/7/11   项目： Diving.PrjPCB

乐智机器人
LEZHIROBOT

Comment	Description	Designator	Footprint	LibRef	Quantity
Cap	Cap Normal	C2, C3	Cap - 0805	Cap	2
CapPlus	Cap+	C+1, C+2	SMD-EC-F6.3	Cap+	2
LED Light		LP	LED - 0805	LED	1
PowerIC	PowerControl	P3.3	ASM1117	ASM1117 - 3.3	1
PINS2	PINS2	Pump, Tap	PH2.0-2P	PINS2	2
9014	9014	Q1, Q2	9014 SOT23	NPN9014	2
D882	D882	Q3	D882/B772 SOT89	NPND882	1
Res	Res	R1, R2, R3, R4, R5, RQ1, RQ2b, RQ2c	Res - 0805	Res	8
ServoMotor		ServoMotor	ServoMotor	ServoMotor	1
XGZP		U1	XGZP	XGZP	1
LM358		U2	LM358	LM358	1