

单线串口收发器

电机接口

电源

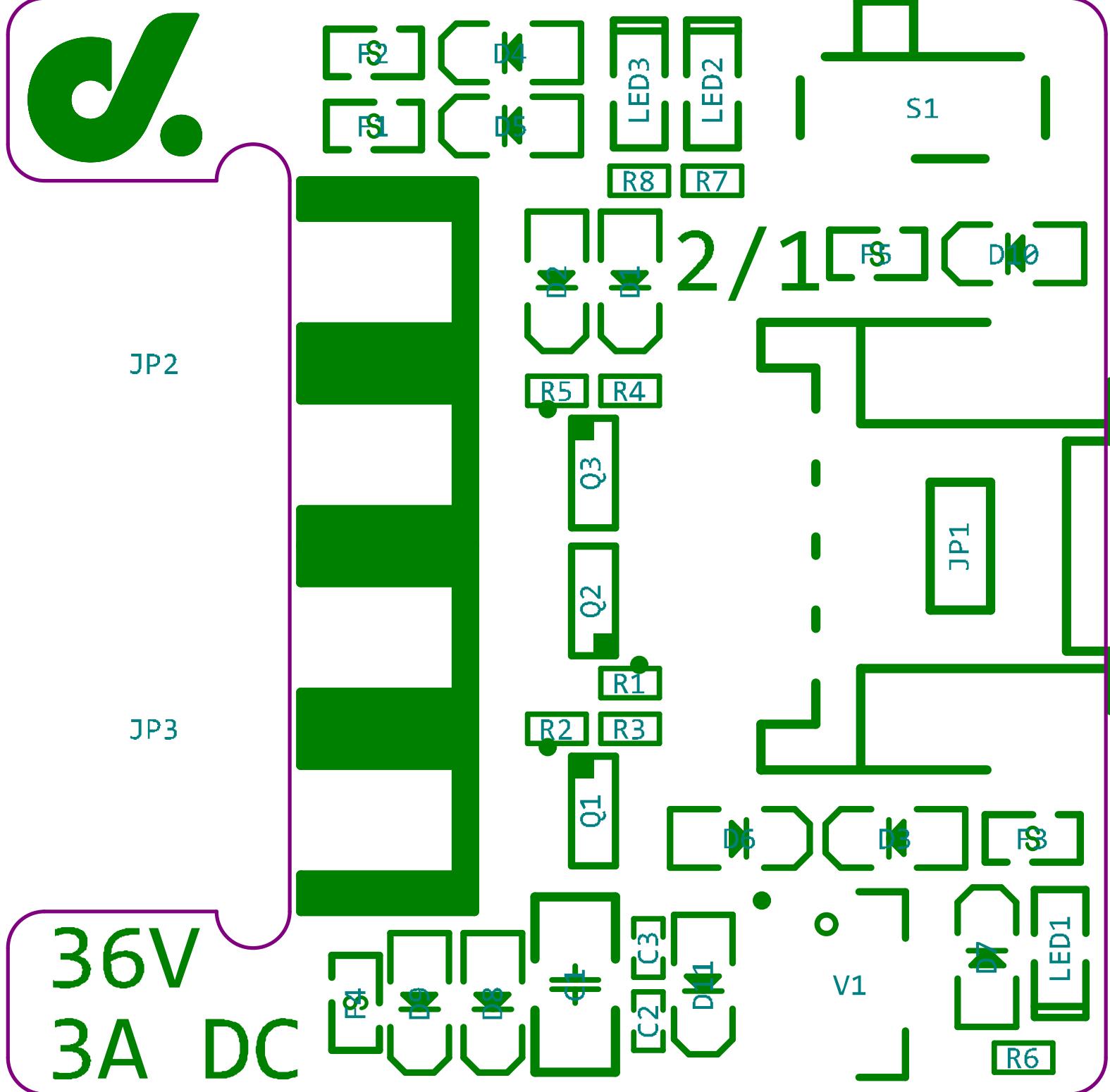
I/O设置

Direct Drive Tech 本末科技

Rev
1.0
File
U1 Debugger Sch Doc

Project
U1 Debugger Prj Pcb
Checked

Drawn
EM0088 卢振峰
Date
2023/12/1
Sheet 1 of 1



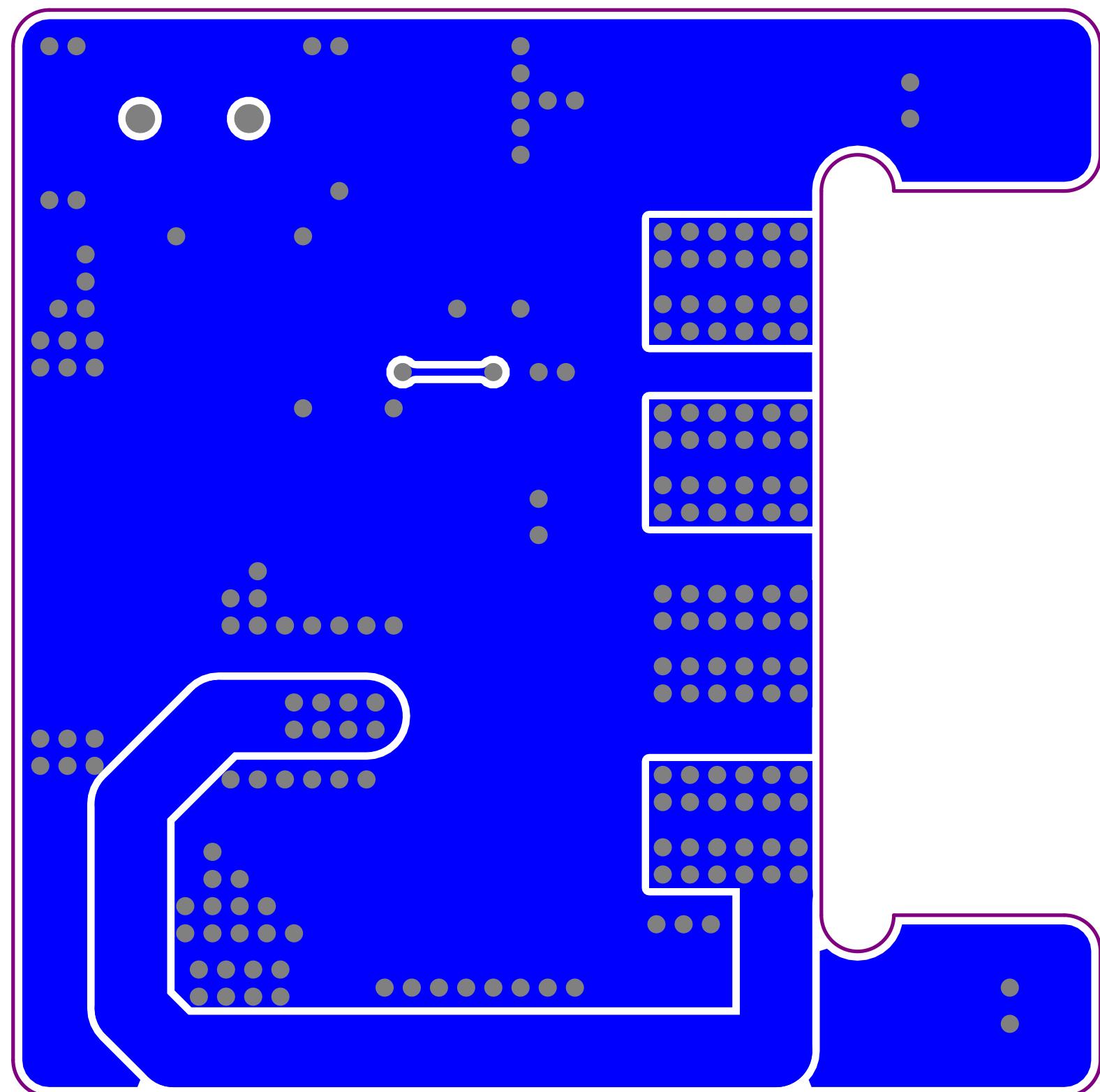
SDS
LIN
GND
VCC

RXD
TXD
GND
VCC

3.6V
3A DC

cj

2/1



Comment	Description	Designator	Footprint	LibRef	Quantity
10uF/50V	无极性贴片电容	C1	C 1206_L	C	1
100nF/50V	无极性贴片电容	C2	C 0402_L	C	1
1uF/25V	无极性贴片电容	C3	C 0402_L	C	1
1N4148WS	开关二极管	D1, D2, D3, D6, D8, D11	SOD-323	SD	6
SD05	单向瞬态电压抑制二极管	D4, D5, D7, D10	SOD-323	TVS_A	4
SD36	单向瞬态电压抑制二极管	D9	SOD-323	TVS_A	1
SMD0603-002/60N	贴片保险丝	F1, F2, F3, F4, F5	FU 0603	FU	5
PH2.0-2P_卧贴	4P接插件	JP1	HY2.0-WS-4P	Header 4	1
KF301R-2P	2P接插件	JP2, JP3	KF301R-5.0-2P	Header 2	2
GREEN	贴片LED	LED1	LED 0603G	LED-SMD	1
YELLOW	贴片LED	LED2	LED 0603Y	LED-SMD	1
BLUE	贴片LED	LED3	LED 0603B	LED-SMD	1
BSS84	贴片信号P沟道场效应管	Q1	SOT23-3L	PMOS_SS	1
2N7002	贴片信号N沟道场效应管	Q2, Q3	SOT23-3L	NMOS_SS	2
4.7KΩ	贴片电阻	R1, R3, R5	R 0402_L	R	3
1KΩ	贴片电阻	R2, R4, R6, R7, R8	R 0402_L	R	5
MSK12C02	1路拨动开关	S1	MSK-12C01-07	SSW-1P	1
LTP3559-50RXT4	线性稳压芯片	V1	SOT89-3N	78Lxx	1