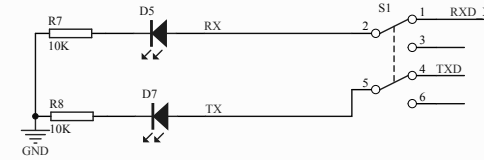
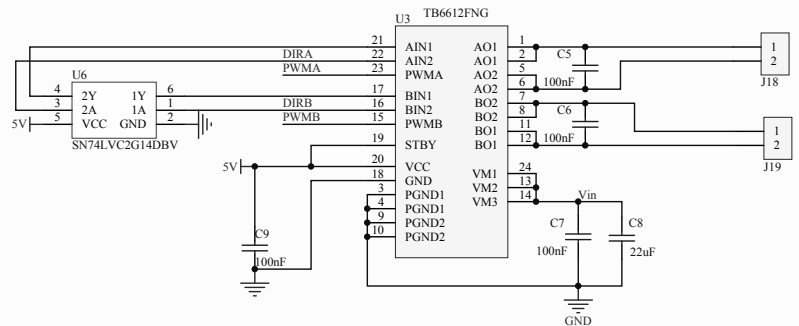
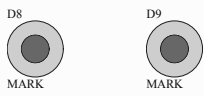
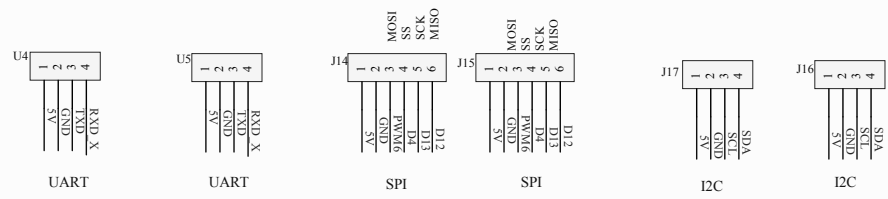


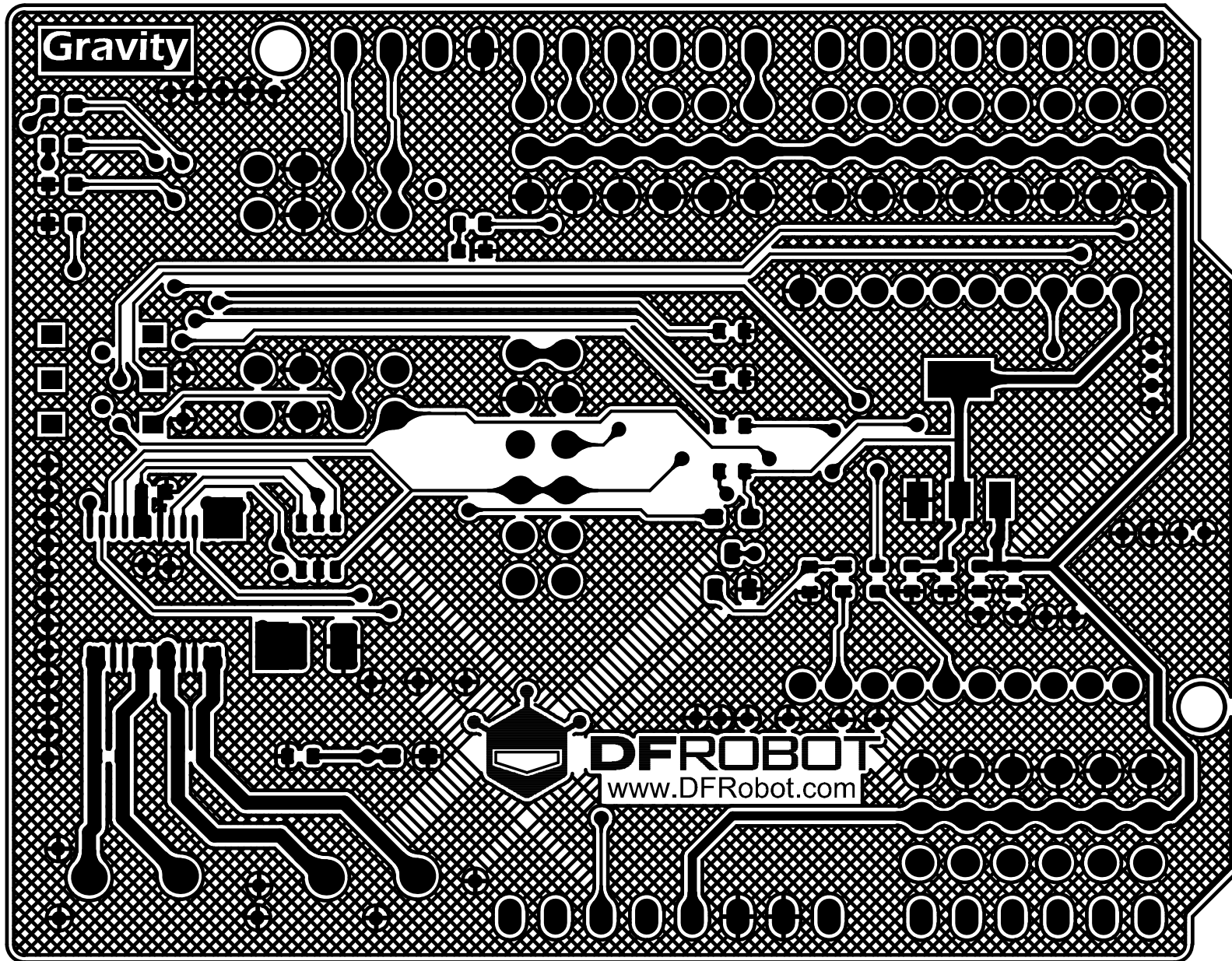
1	VCC
2	RESET
3	ON/SLEEP
4	PWM0/RISS
5	DIN/CONFIG
6	DOIT
7	RXD X
8	PWM1
9	CD/DOUT_EN/DO8
10	DTR/SLEEP_RQ/D18
11	CTS/DIO7
12	RTS/AD6/DIO6
13	ASSOC/AD5/DIO5
14	RF_TX/AD4/DIO4
15	COORD_SEL/AD3/DIO3
16	AD2/DIO2
17	AD1/DIO1
18	AD0/DIO0
19	NC
20	VREF
21	GND



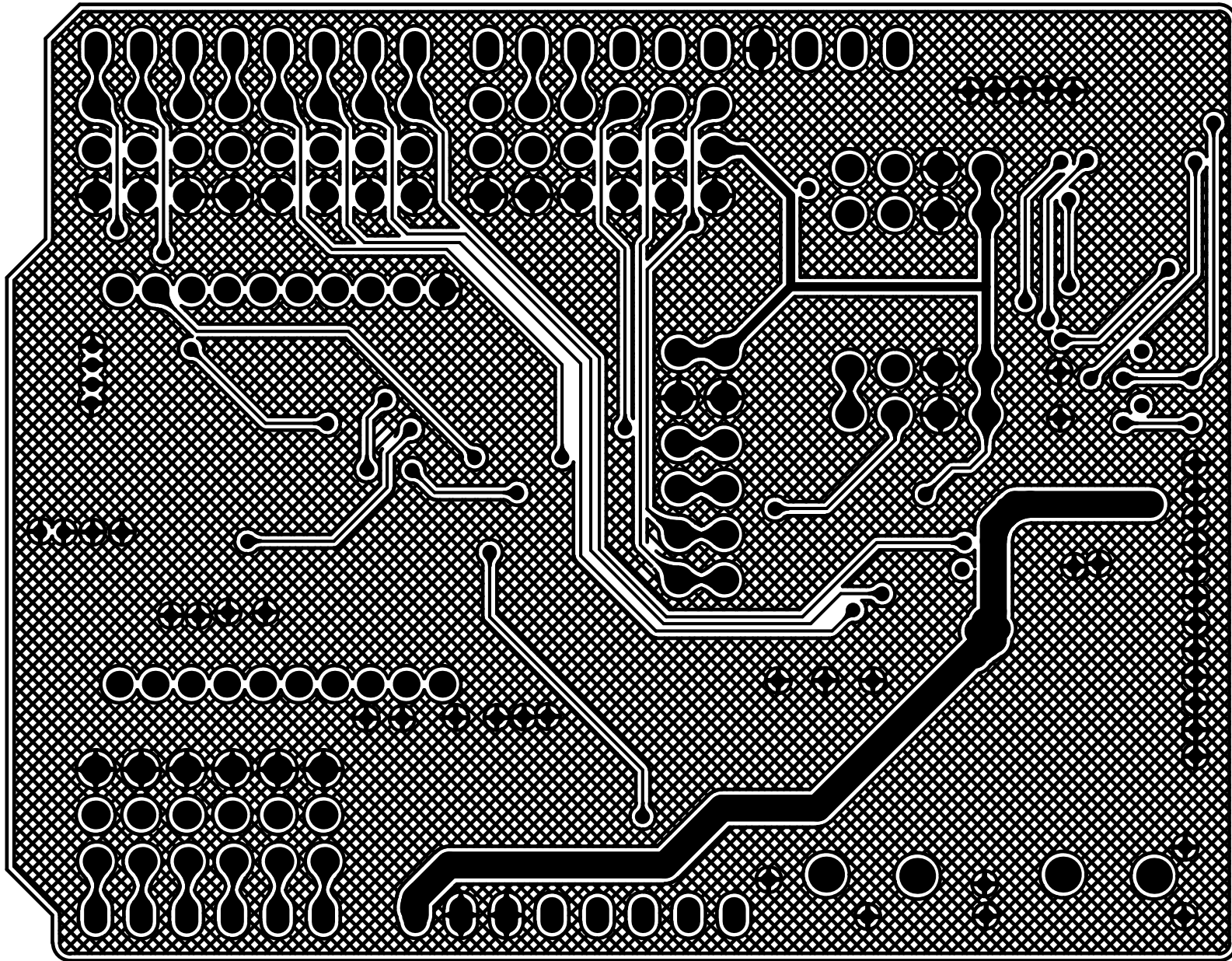
Arduino part XBEE interface  
Other interface Motor drive

DIRA D4  
PWMA PWM2  
DIRB D7  
PWMB PWM3



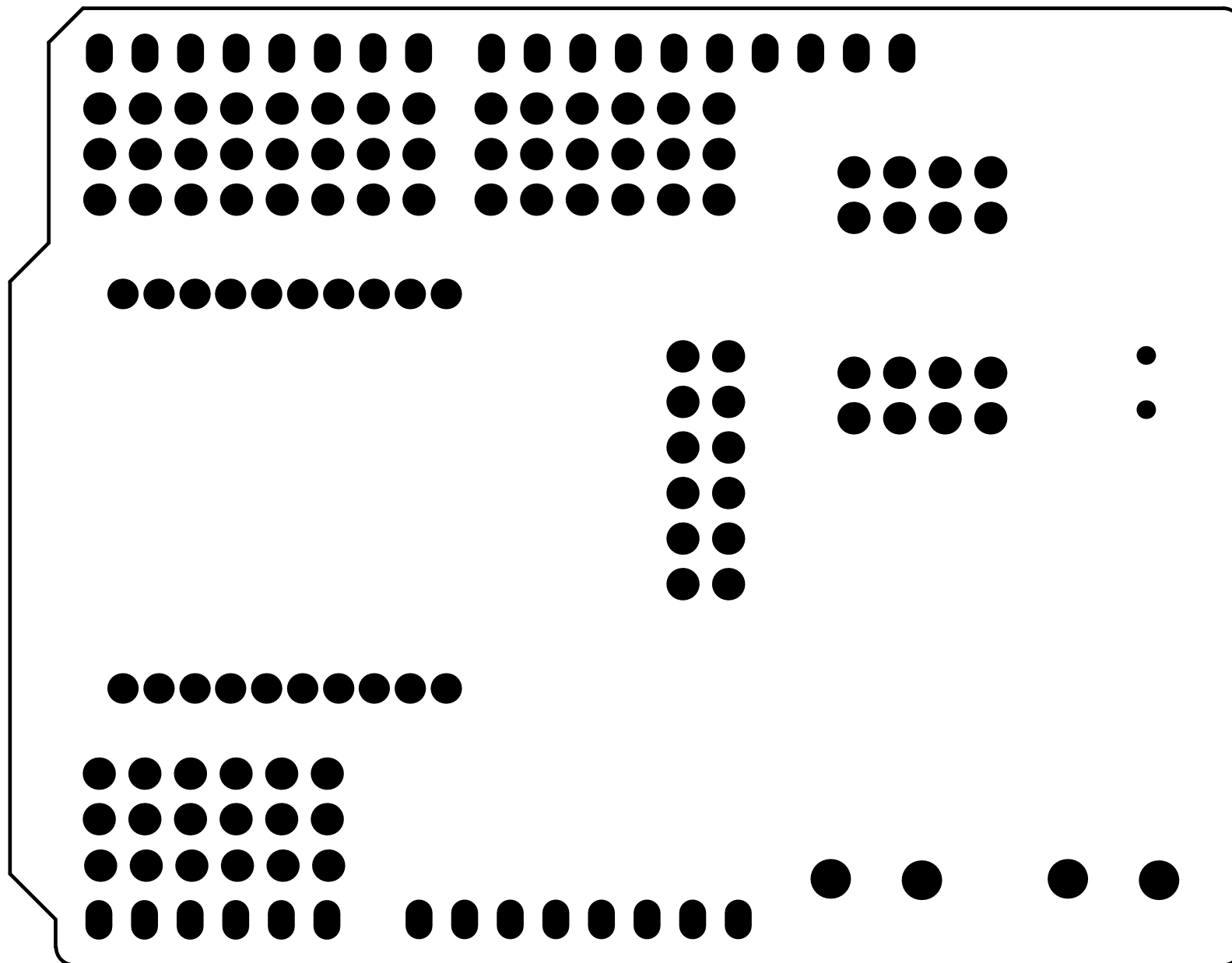


<b>PCB Information</b>	Name: DFR0502[V1.1]	Thickness: 1.6mm
Engineer: DongZi	Top SolderMask: Black	Bottom SolderMask: Black
Date: 20170928	Top Silkscreen: White	Bottom Silkscreen: White



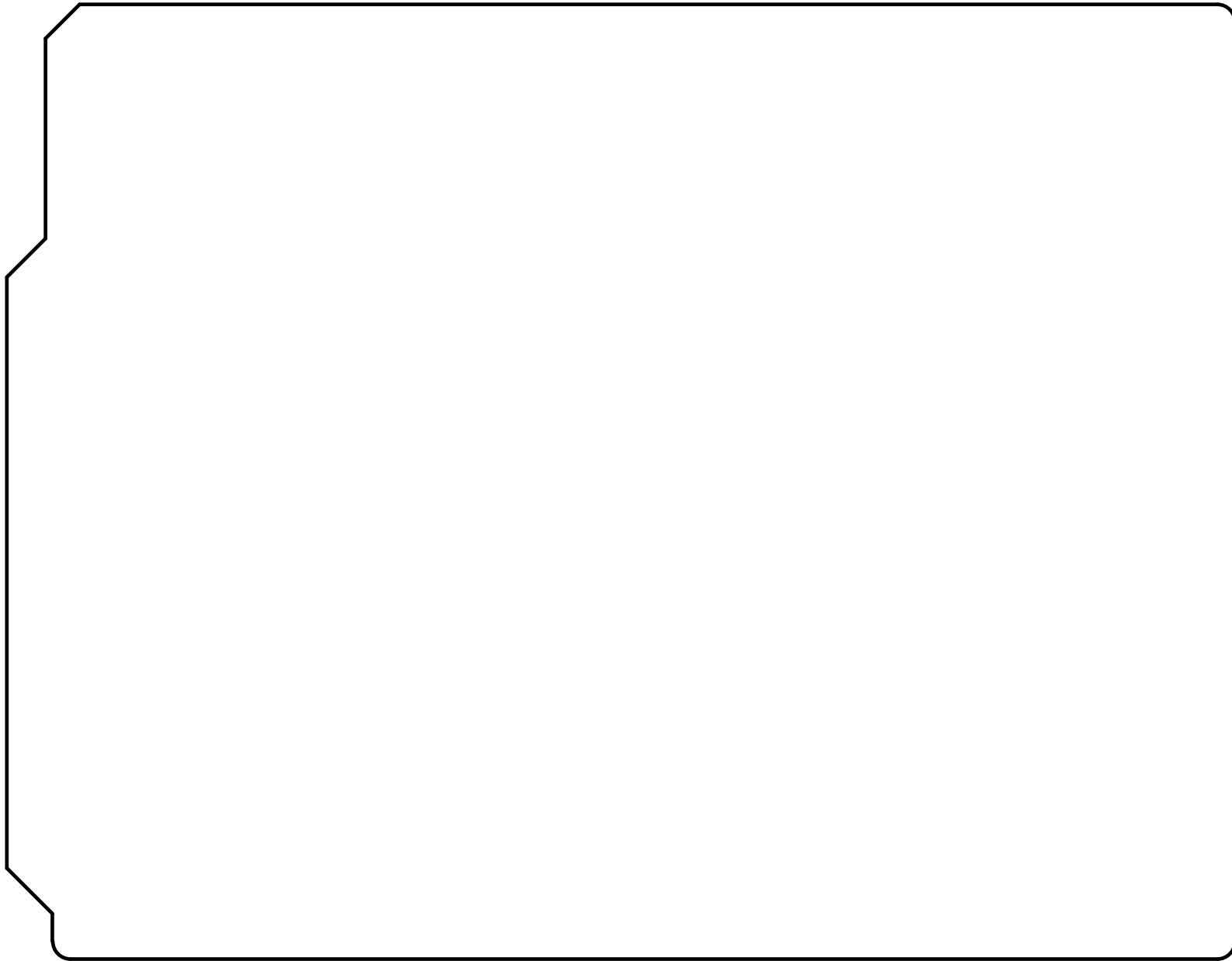
<b>PCB Information</b>	Name: DFR0502[V1.1]	Thickness: 1.6mm
Engineer: DongZi	Top SolderMask: Black	Bottom SolderMask: Black
Date: 20170928	Top Silkscreen: White	Bottom Silkscreen: White



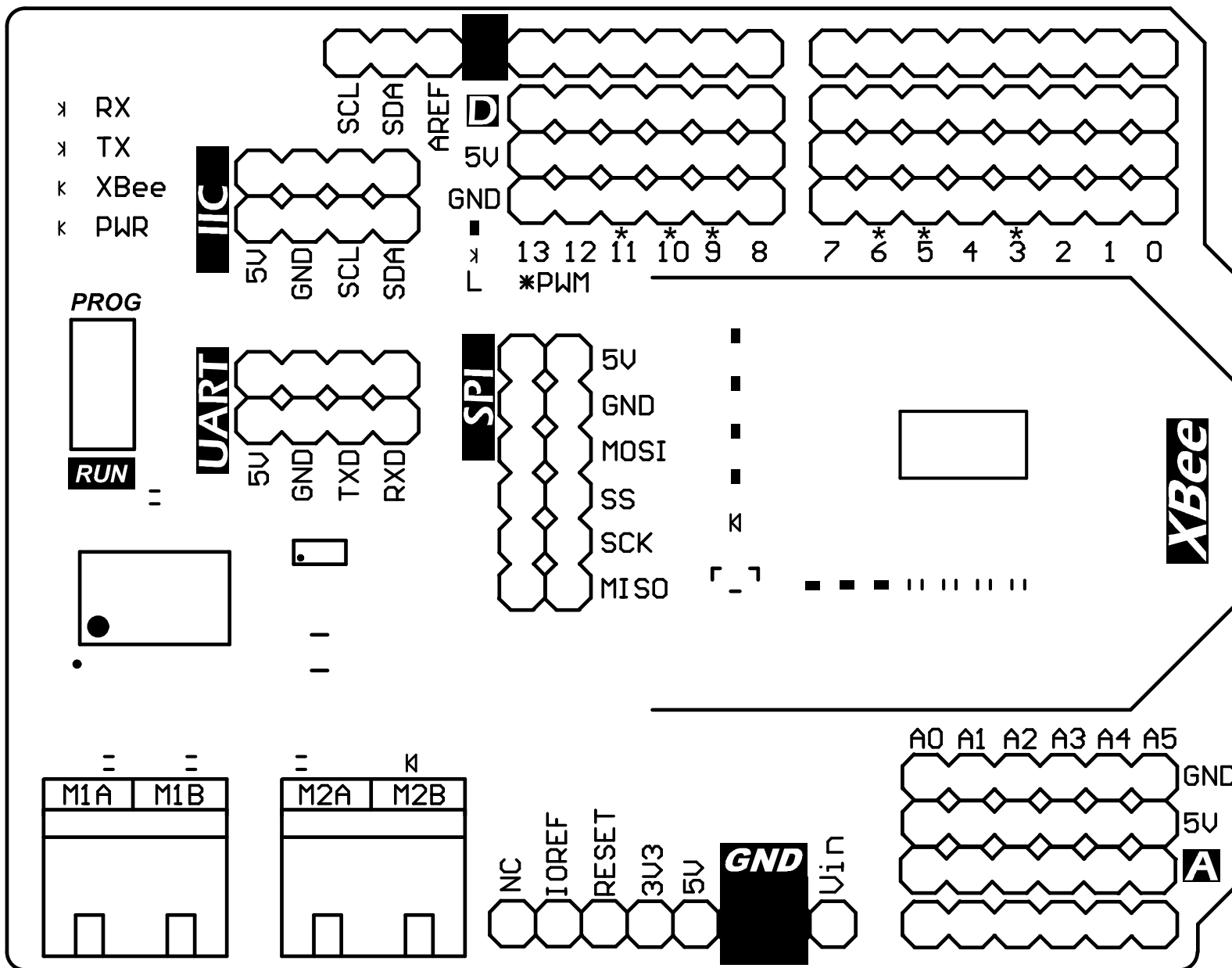


<b>PCB Information</b>	Name: DFR0502[V1.1]	Thickness: 1.6mm
Engineer: DongZi	Top SolderMask: Black	Bottom SolderMask: Black
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<b>PCB Information</b>	Name: DFR0502[V1.1]	Thickness: 1.6mm
Engineer: DongZi	Top SolderMask: Black	Bottom SolderMask: Black
Date: 20170928	Top Silkscreen: White	Bottom Silkscreen: White



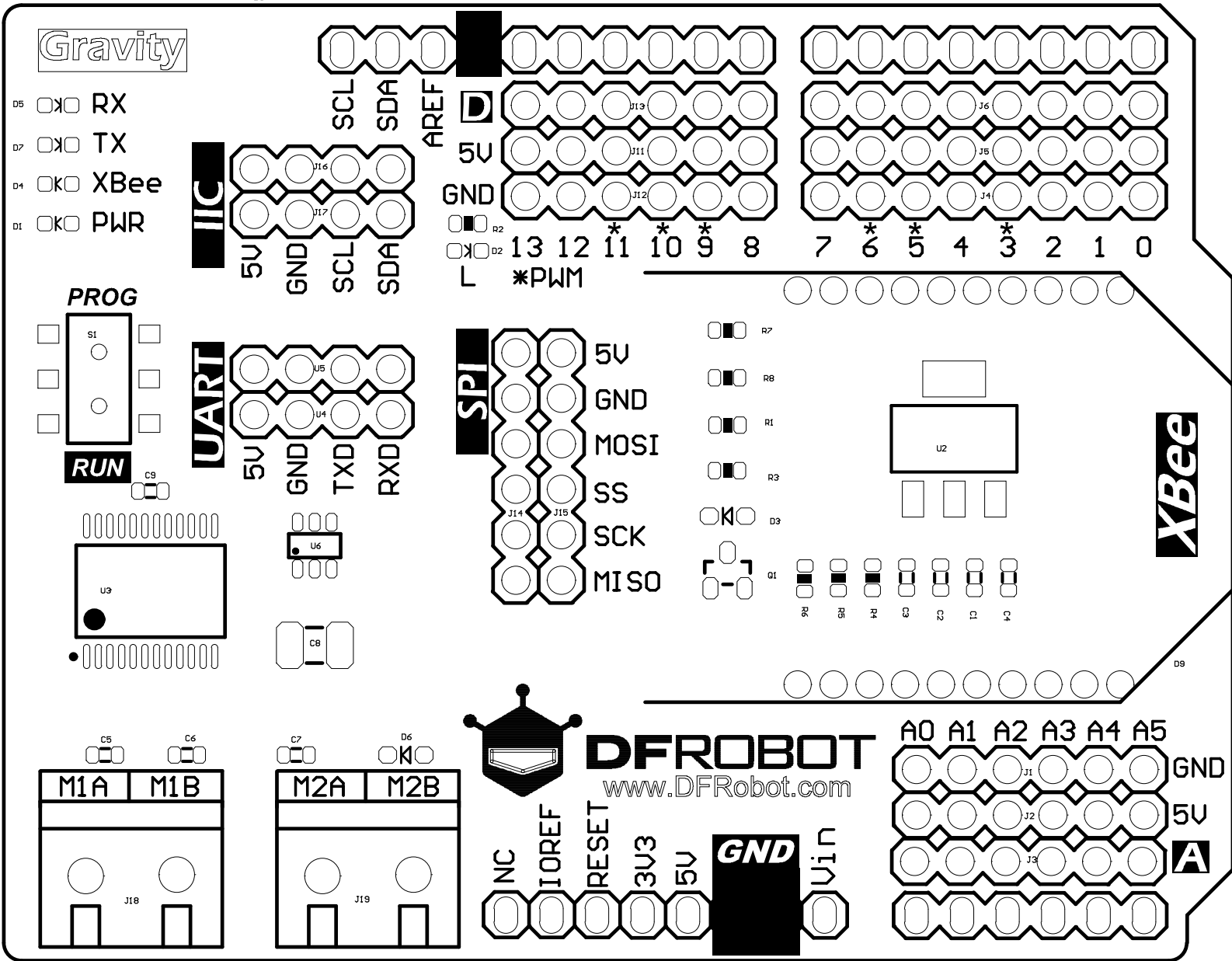
<b>PCB Information</b>	Name: DFR0502[V1.1]	Thickness: 1.6mm
Engineer: DongZi	Top SolderMask: Black	Bottom SolderMask: Black
Date: 20170928	Top Silkscreen: White	Bottom Silkscreen: White



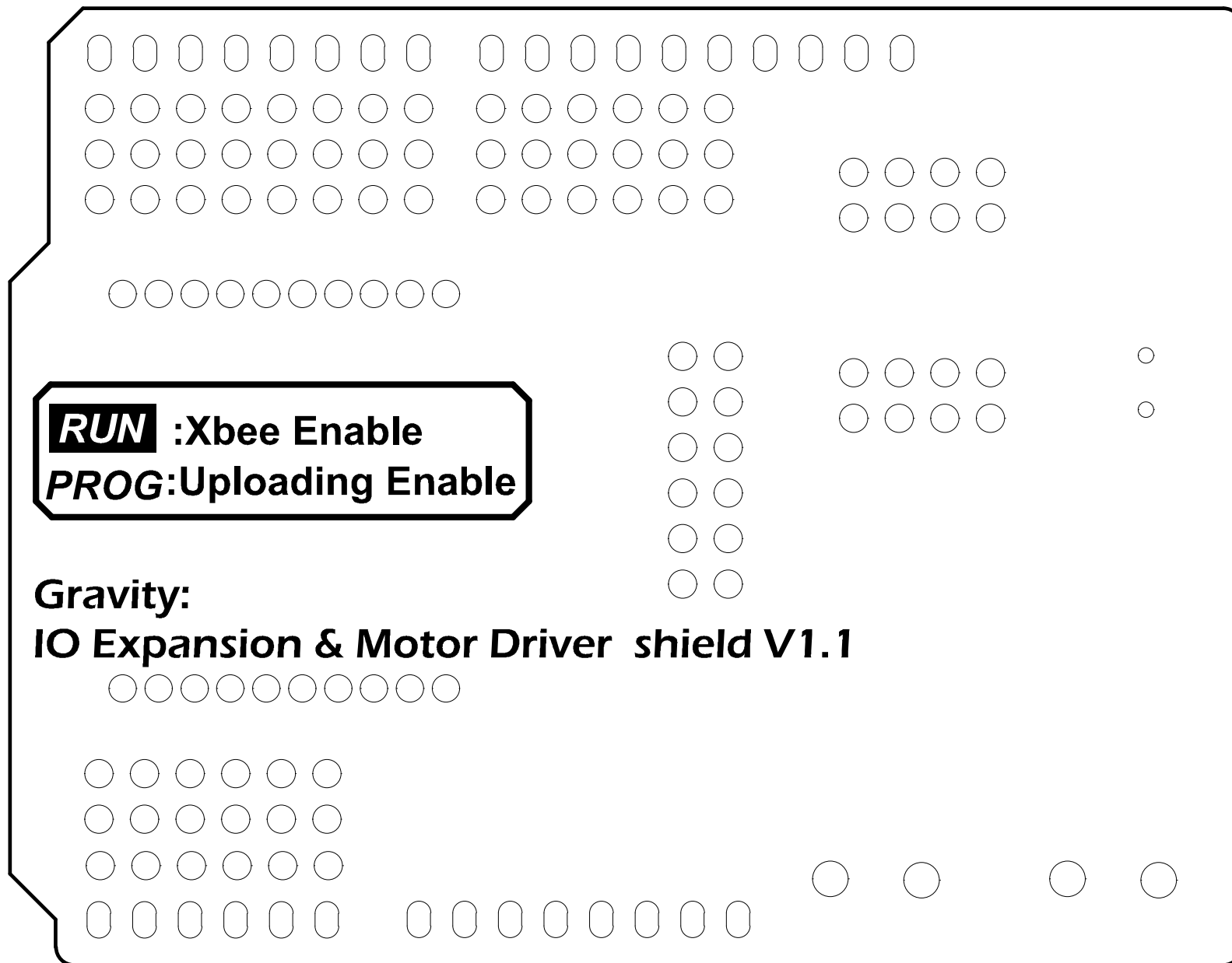
**RUN** :Xbee Enable  
**PROG**:Uploading Enable

**Gravity:**  
**IO Expansion & Motor Driver shield V1.1**

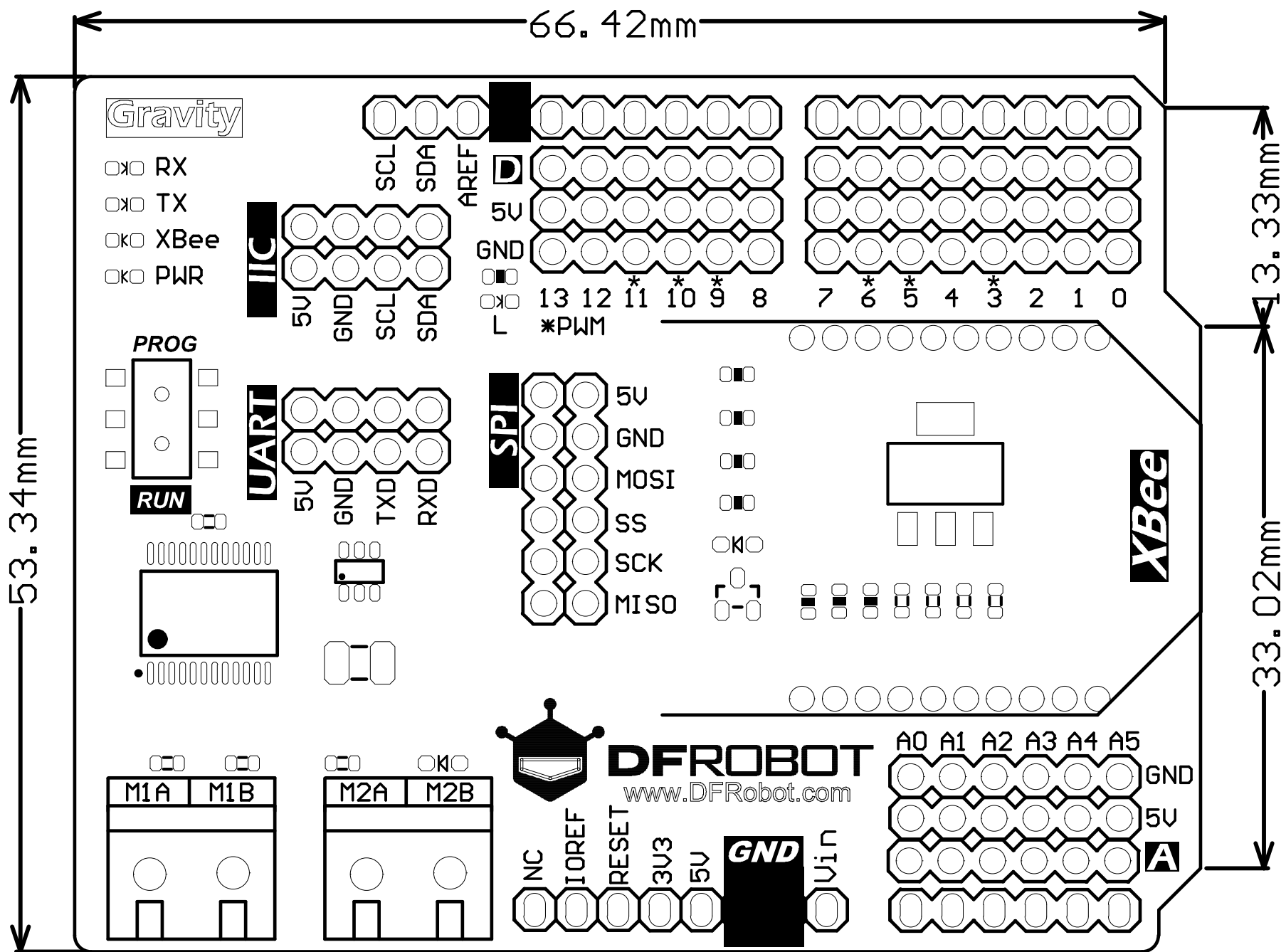
<b>PCB Information</b>	Name: DFR0502[V1.1]	Thickness: 1.6mm
Engineer: DongZi	Top SolderMask: Black	Bottom SolderMask: Black
Date: 20170928	Top Silkscreen: White	Bottom Silkscreen: White



<b>PCB Information</b>	Name: DFR0502[V1.1]	Thickness: 1.6mm
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<b>PCB Information</b>	Name: DFR0502[V1.1]	Thickness: 1.6mm
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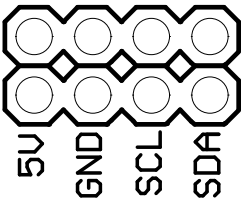


PCB Information		Name: DFR0502[V1.1]	Thickness: 1.6mm
Engineer: DongZi	Top SolderMask: Black	Bottom SolderMask: Black	
Date: 20170928	Top Silkscreen: White	Bottom Silkscreen: White	

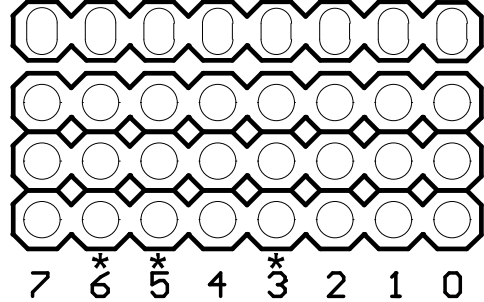
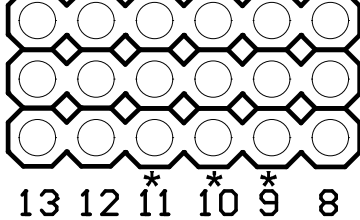
Gravity

- RX
- TX
- XBee
- PWR

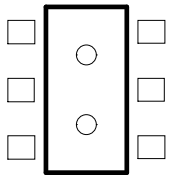
**IIC**



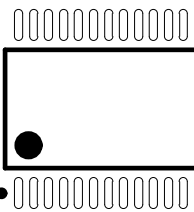
- AREF
- 5V
- GND
- L



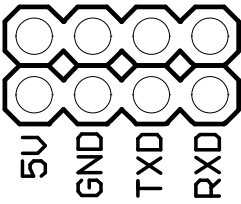
PROG



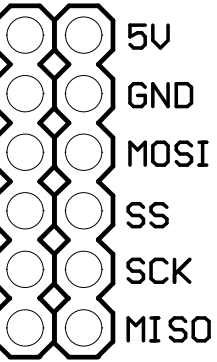
RUN



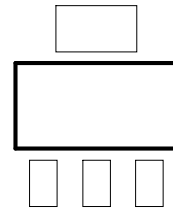
**UART**



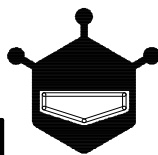
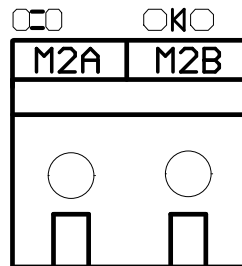
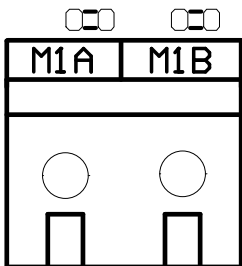
**SPI**



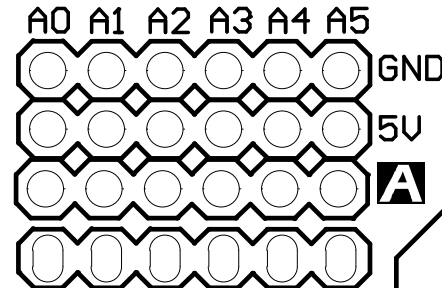
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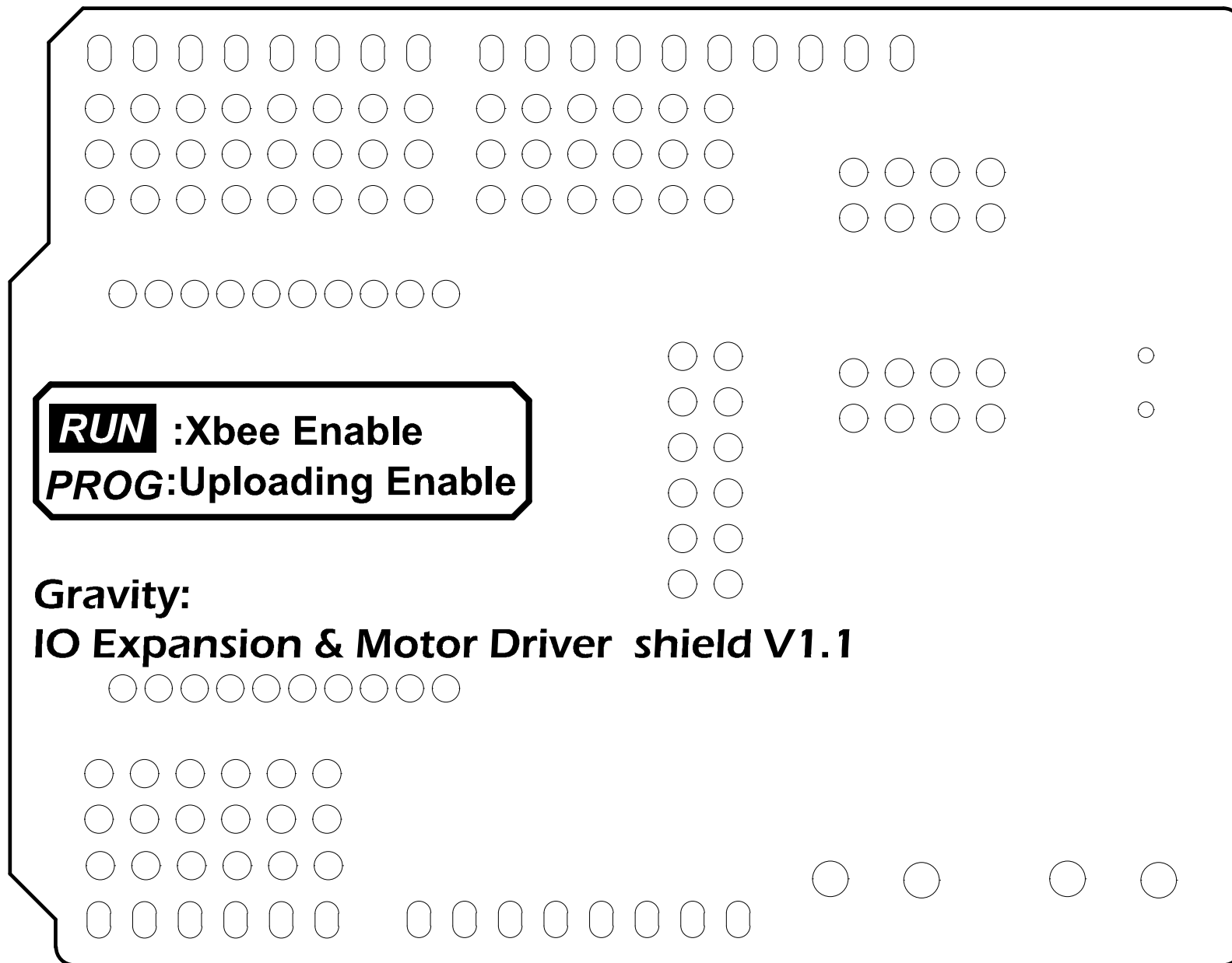
**XBee**



**DFROBOT**  
www.DFRobot.com



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