U2G$1
CN3

NRST_CN3

PA8	PB0
PA9	PB1
PA10	PB4
PA11	PB5
PA12	PB6
	PB7

SCL
SDA

TXD
RXD

PC14
PC15

GND_CN3

NUCLEO-L432KC
U2G$2
CN4

+5V
+3V3

+5V +3V3

VIN   AREF

NRST_CN4 PB3

PA0	PA4
PA1	PA5
PA2	PA6
PA3	PA7

GND_CN4

GND

NUCLEO-L432KC

VCC   VCC   3.3V (or 5v)
+5V

GND   GND
GND SCL   SCL   SCL

SDA   SDA   SDA

XDA   XDA

XCL   XCL

ADO   ADO

INT   INT

GY-521 ITG/MPU

y
x

J_BT_BOARD_1

STATE   STATE

RXD   RXD   RXD

TXD   TXD   TXD

GND   GND

GND VCC   VCC
+5V

EN   EN

3   S1
X1-1   2   VIN
1

X1-2
GND

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