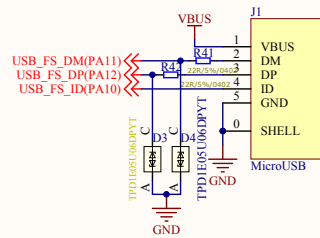
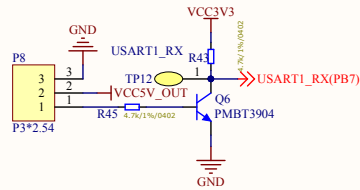


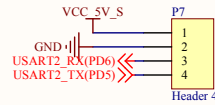
USB接口



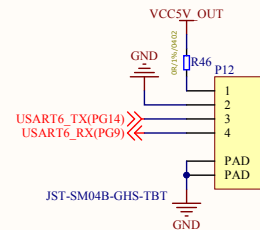
遥控器DBUS接口



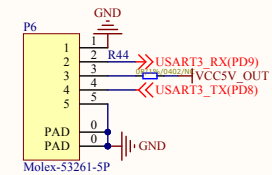
蓝牙串口（预留）



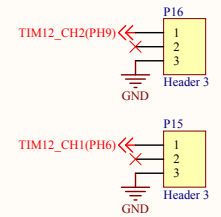
串口调试JST接口



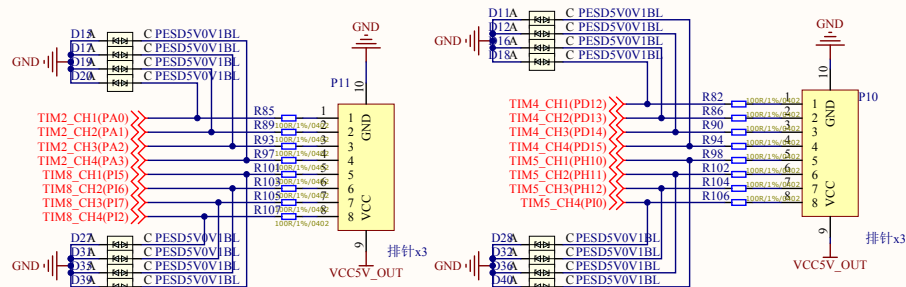
串口调试MOLEX接口



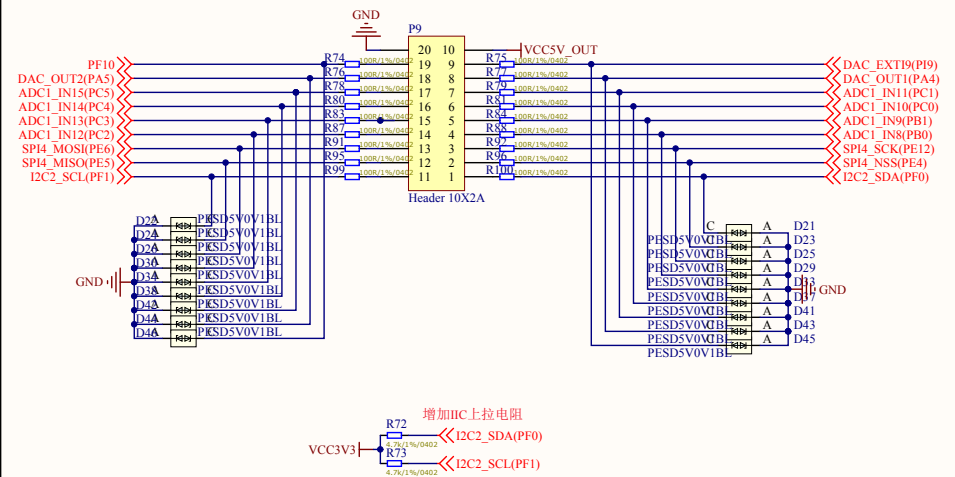
摩擦轮PWM接口



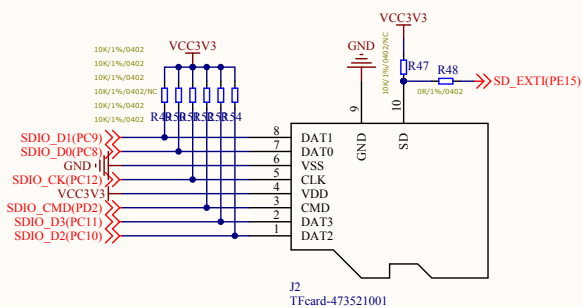
16路PWM输出

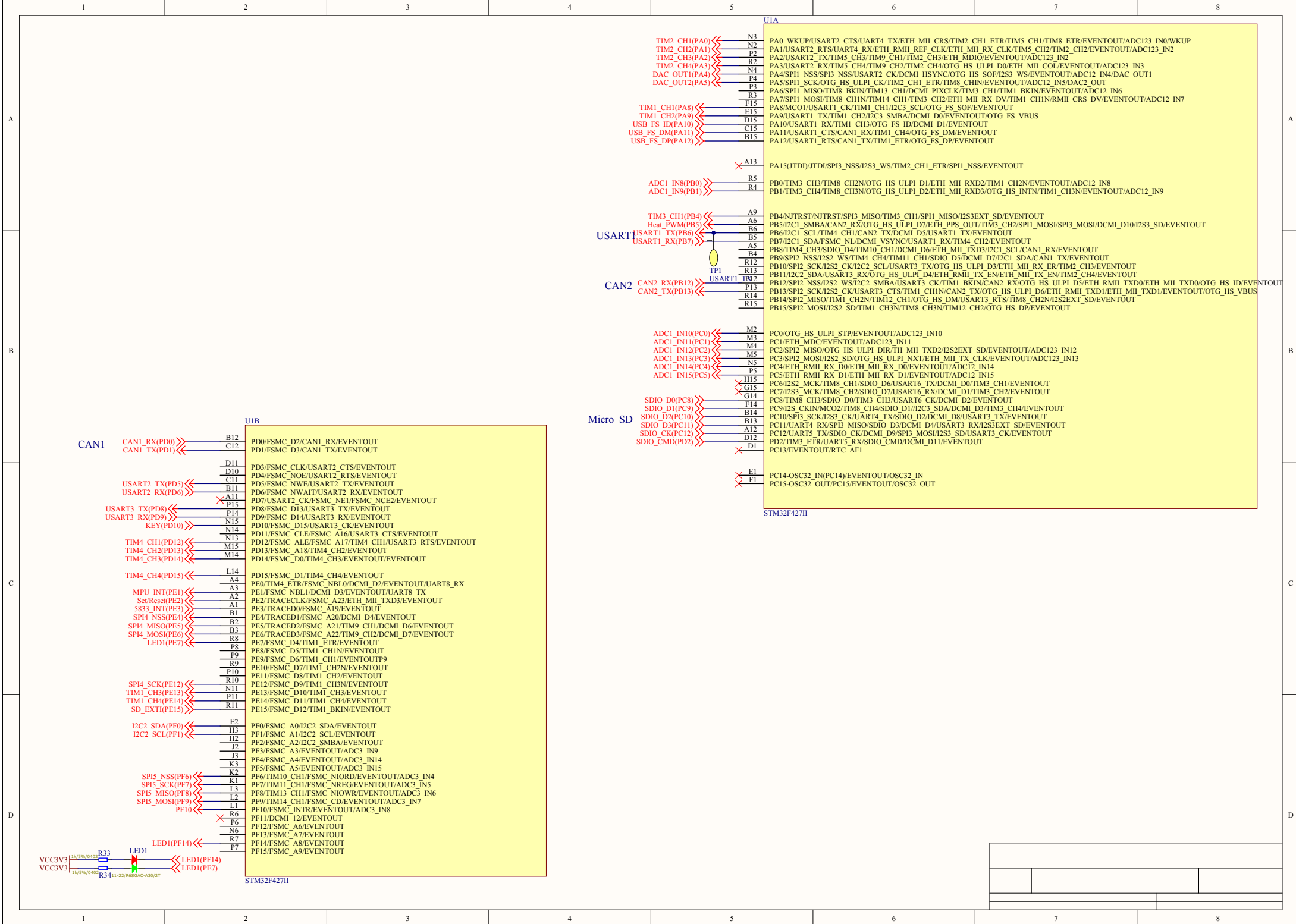


用户接口

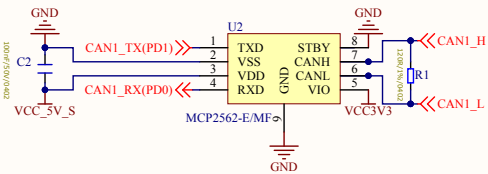


SDCard

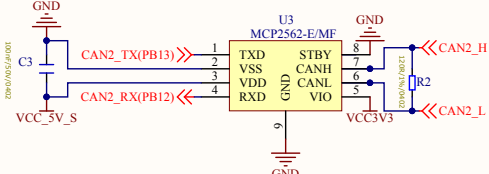




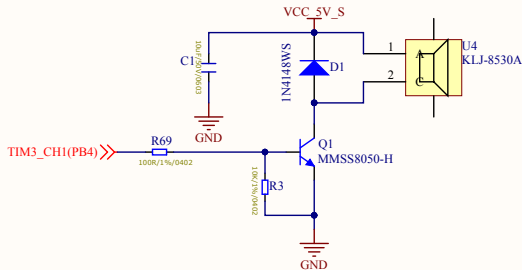
CAN1转换



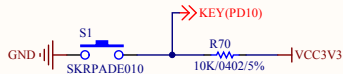
CAN2转换



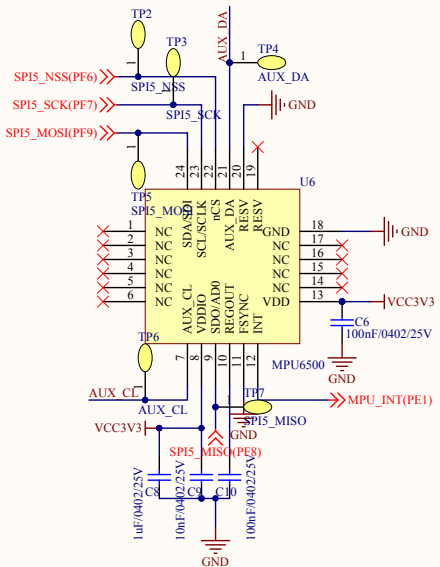
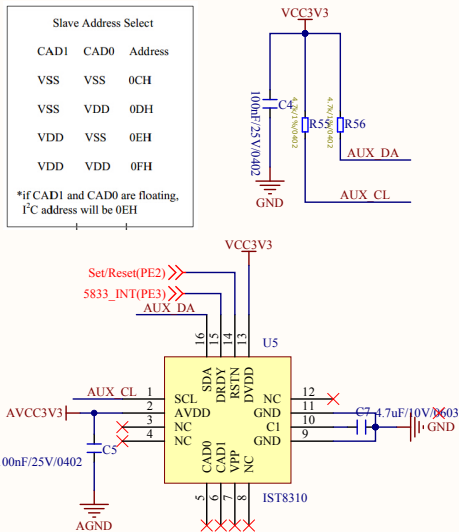
蜂鸣器模块



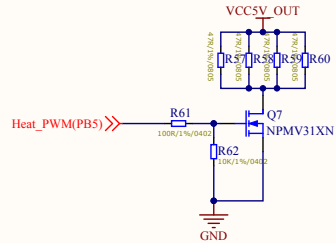
调试按键



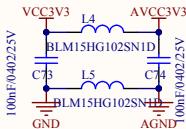
IMU



IMU温度补偿



IMU电源隔离



KLJ-8530A-5027

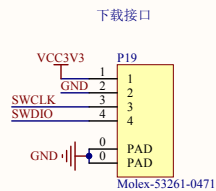
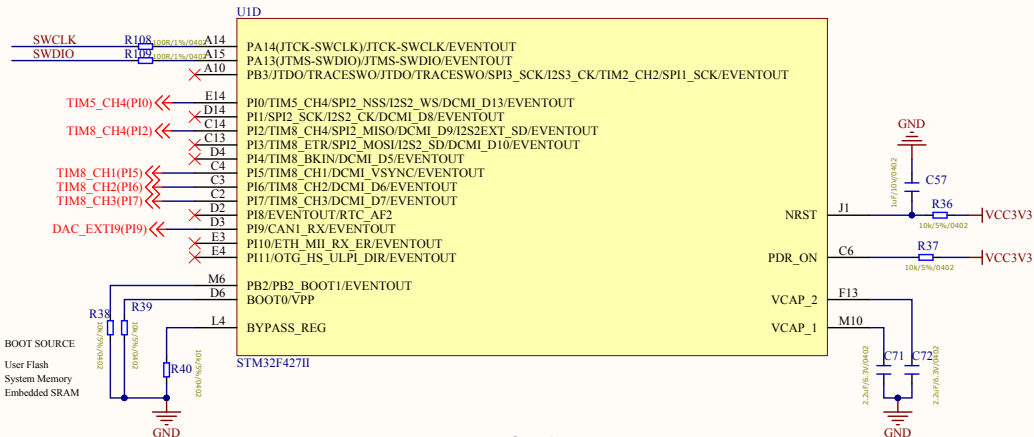
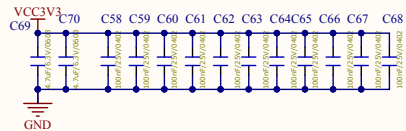
DATE:2009.03.30

VER :.0

1 . Electrical Characteristics

Oscillation Frequency (Hz)	2700
Operating Voltage (Vp-p)	4 ~ 6
Rated Voltage (Vp-p)	5
Current Consumption (mA/max.)	90 at Rated Voltage
Sound Pressure Level (dB/min.)	86 at 10cm at Rated Voltage
Coil Resistance (Ω)	30 ± 4
Operating Temperature (℃)	-20 ~ +60
Storage Temperature (℃)	-30 ~ +80
Environmental protection rule	ROHS

PS : Vp-p = 1/2duty , square wave



BOOT1	BOOT0	BOOT SOURCE
X	0	User Flash
0	1	System Memory
1	1	Embedded SRAM

SWD调试接口

VBAT H1 4
GND

CAN_L

PA9

PE13

CAN_H

PF1 PF0

PE5 PE4

PE6 PE12

PC2 PB8

PC3 PB1

PC4 PC0

PC5 PC1

PA5 PA4

PF10 PA4

GND P19

R100 R99 R98 R97 R96 R95 R94 R93 R92 R91 R90 R89 R88 R87 R86 R85 R84 R83 R82 R81 R80 R79 R78 R77 R76 R75 R74

C76 C75 C40

T4 C28 C31

C24 C47

G3

G2

R5

R4

R30 R3 R28 R25 R24 R23 R22 R21 R20 R19 R18 R17 R16 R15 R14 R13 R12 R11 R10 R9 R8 R7 R6 R5 R4 R3 R2 R1 R0

C37 C36 C35 C34 C33 C32 C31 C30 C29 C28 C27 C26 C25 C24 C23 C22 C21 C20 C19 C18 C17 C16 C15 C14 C13 C12 C11 C10 C9 C8 C7 C6 C5 C4 C3 C2 C1 C0

L2

C46

C42

C43

C44

C45

C19 C23 C24 C21

C73 C75 C74

C35 C17

C52 C51

C38

C39

C34

C33

C16

C27

C28

C29

C30

C31

C32

C33

C34

U5 TP6 CL DA

U2 U3 U4 U5 U6 U7 U8 U9 U10 U11 U12 U13 U14 U15 U16 U17 U18 U19 U20 U21 U22 U23 U24 U25 U26 U27 U28 U29 U30 U31 U32 U33 U34 U35 U36 U37 U38 U39 U40 U41 U42 U43 U44 U45 U46 U47 U48 U49 U50 U51 U52 U53 U54 U55 U56 U57 U58 U59 U60 U61 U62 U63 U64 U65 U66 U67 U68 U69 U70 U71 U72 U73 U74 U75 U76 U77 U78 U79 U80 U81 U82 U83 U84 U85 U86 U87 U88 U89 U90 U91 U92 U93 U94 U95 U96 U97 U98 U99 U100

PA0 PA1 PA2 PA3 PA4 PA5 PA6 PA7 PA8 PA9 PA10 PA11 PA12 PA13 PA14 PA15 PA16 PA17 PA18 PA19 PA20 PA21 PA22 PA23 PA24 PA25 PA26 PA27 PA28 PA29 PA30 PA31 PA32 PA33 PA34 PA35 PA36 PA37 PA38 PA39 PA40 PA41 PA42 PA43 PA44 PA45 PA46 PA47 PA48 PA49 PA50 PA51 PA52 PA53 PA54 PA55 PA56 PA57 PA58 PA59 PA60 PA61 PA62 PA63 PA64 PA65 PA66 PA67 PA68 PA69 PA70 PA71 PA72 PA73 PA74 PA75 PA76 PA77 PA78 PA79 PA80 PA81 PA82 PA83 PA84 PA85 PA86 PA87 PA88 PA89 PA90 PA91 PA92 PA93 PA94 PA95 PA96 PA97 PA98 PA99 PA100

R64

PA8

PD5 PD6

R43 R46 R63

PE14

R47 R48 R49 R50 R51 R52 R53 R54 R55 R56 R57 R58 R59 R60 R61 R62 R63 R64 R65 R66 R67 R68 R69 R70 R71 R72 R73 R74 R75 R76 R77 R78 R79 R80 R81 R82 R83 R84 R85 R86 R87 R88 R89 R90 R91 R92 R93 R94 R95 R96 R97 R98 R99 R100

PH9 PH8 PH7 PH6 PH5 PH4 PH3 PH2 PH1 PH0

