

STM32F103ZET6

FSMC A0	PF0	1	2
FSMC A2	PF2	3	4
FSMC A4	PF4	5	6
ADC3 IN4	GRAY AD1	PF6	7
ADC3 IN6	GRAY AD3	PF8	9
ADC3 IN8	GRAY AD5	PF10	11
ADC123 IN11	GRAY AD7	PC1	13
ADC123 IN13	AD Power	PC3	15
ADC123 IN1/ TIM5 CH2/TIM2 CH2	GRAY AD10	PA1	17
Motor 1 USART2 RX/TIM5 CH4 ADC123 IN3/TIM2 CH4	PA3	19	21
SPI1 SCK/DAC OUT2/ ADC12 IN5	GRAY AD12	PA5	23
GRAY AD11	MOSI/ TIM8 CH1N/ADC12 IN7	TIM3 CH2	PA7
ADC12 IN15	GRAY AD16	PC5	25
ADC12 IN9/TIM3 CH4/TIM8 CH3N	Photocell AN2	PB1	27
FSMC NIOS16	Photocell AN4	PF11	29
FSMC A7	Photocell AN6	PF13	31
FSMC A9	Photocell AN8	PF15	33
FSMC A11	PG1	35	37
FSMC D5/TIM1 CH1N	L1 MISO	PE8	39
FSMC D7/TIM1 CH2N	L1 SS	PE10	41
FSMC D9/TIM1 CH3N	L2 SCK	PE12	43
FSMC D11/TIM1 CH4	L2 MISO	PE14	45
I2C2 SCL/USART3 TX/TIM2 CH3	Motor 2 A	PB10	47
I2C2 SDA/USART3 RX/TIM2 CH4	Motor 2 B	PB11	48

测电压

巡线传感器

电机2

PF1	FSMC A1
PF3	FSMC A3
PF5	FSMC A5
PF7	ADC3 IN5
PF9	ADC3 IN7
PC0	ADC123 IN10
PC2	ADC123 IN12
PA0	WKUP/ADC123 IN0/TIM2 CH1
PA2	USART2 TX/TIM5 CH3
PA4	DAC OUT1/ADC12 IN4
PA6	SPI1 MISO/TIM8 BKIN/ADC12 IN6
PC4	ADC12 IN14
PB0	ADC12 IN8/TIM3 CH3
PB2	Photocell AN1
PF12	FSMC A6
PF14	FSMC A8
PG0	FSMC A10
PE7	FSMC D4/TIM1 ETR
PE9	FSMC D6/TIM1 CH1
PE11	FSMC D8/TIM1 CH2
PE13	FSMC D10/TIM1 CH3
PE15	FSMC D12/TIM1_BKIN

灰度传感器

电机1

光电开关

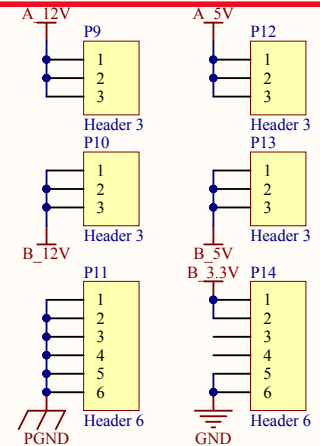
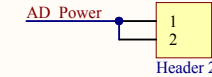
舵机

MPU6050

OSC32_OUT	PC15
TAMPER-RTC	PC13
TRACED2	PE5
TRACED0	PE3
Key1	TIM4 ETR / FSMC NBL0
Key3	TRACED0
Key5	TIM4 ETR / FSMC NBL0
KeyBoard SCL	TIM4 CH3/SDIO D4/I2C1 SCL/CAN RX/PB8
MPU6050 SCL	I2C1 SCL/TIM4 CH1/USART1 TX
MPU6050 INT	NTRST/SPI3 MISO/TIM3 CH1/SPI1 MISO
FSMC A24	PG15
	PG13

串口
摄像头串口

超声波



蜂鸣器

键盘

UP1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
PC14	OSC32_IN	PE6	TRACED3	PE4	TRACED1	Key2	PE2	TRACED0	Key4	PB9	TIM4 CH4/SDIO D5/I2C1 SDA/CAN TX	KeyBoard SDA	PB7	I2C1 SDA/TIM4 CH2/USART1 RX	MPU6050 SDA	PB5	SPI3 MOSI/TIM3 CH2/SPI1 MOSI	KeyBoard INT	PB3	JTDO/SPI3 SCK / I2S3_CK/TRACESWO TIM2_CH2 / SPI1_SCK

Header 10X2

FSMC NCE4_1/FSMC NE3	PG10	1	2
FSMC NE1/FSMC NCE2	PD7	3	4
FSMC NWE/USART2 TX	PD5	5	6
FSMC CLK	PD3	7	8
OSC_OUT/FSMC D3/CAN TX	PD1	9	10
UART5 TX/SDIO CK/USART3 CK	PC12	11	12
UART4 TX/SDIO D2/USART3 TX	PC10	13	14
JTCK-SWCLK	PA14	15	16
USART1 TX/TIM1 CH2	PA9	17	18
TIM8 CH4/SDIO D1/TIM3 CH4	PC9	19	20
TIM8 CH2/SDIO D7/TIM3 CH2	PC7	21	22
	PC8	23	24
FSMC INT2	PG6	25	26
FSMC A14	PG4	27	28
FSMC A12	PG2	29	30
FSMC D0/TIM4 CH3	PD14	31	32
FSMC A17/TIM4 CH1	PD12	33	34
FSMC D15/USART3 CK	PD10	35	36
FSMC D13/USART3 TX	PD8	37	38
SPI2 MISO/TIM1 CH2N	PB14	39	40
SPI2 SCK/I2S2 CK/TIM1 CH1N	PB13	41	42
TIM1 BKIN	PB12	43	44
		45	46
		47	48

Header 24X2

Title MCU

Size: A4

Number:*

Revision:*

Date: 2017/4/10

Time: 16:08:42

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