



Title		
Size	Number	Revision
B		
Date:	2017/12/2	Sheet of
File:	G:\以完结整合的项目\WreckerCar	Sheet of

辽科大

OUT- OUT+

IN- IN+

D2

KEX

1117-5.0

D1

RESET

C5

DC R SDA SCL 5V G

A4988

DIR

EN

Y

POWER

RS

7-12V

1B 1A 2A 2B

GND 5V

Input

PWM

6V G

PWM2

G

6V

PWM

INT

G

5V

INT

UART Bluetooth

RX TX G 5V

IO

5V G TX2 RX2

Bluetooth2

+

TB6612

P4

+

TB6612

A1

A2

B1

B2

TB6612

P5

A1

A2

B1

B2

TB6612

P3

A1

A2

B1

B2

TB6612

P6

A1

A2

B1

B2

Bill of Materials

<Parameter Title not found>

Source Data From: WreckerCar.PrjPcb
 Project: WreckerCar.PrjPcb
 Variant: None

Creation Date: 2017/12/2 11:27:44
 Print Date: 02-Dec-17 11:27:50 AM

Footprint	Comment	LibRef	Designator	Description	Quantity
header1*6	oled	header1*6	*1		1
HEADER2*8	PWM	HEADER2*8	*2		1
HDR1X4	UART2	Header4booth	*3		1
HDR1X4	Bluetooth	Header4booth	*4		1
TSSOP-20	74HC573PW	74HC573PW	*5		1
LQFP-44	STC12C5A60S2	STC12C5A60S2	*6		1
HDR1X4	UART	Header4booth	*7		1
A4988	A4988	HEADER2*8	*8		1
header1*3	LM7805	header3*1	*9		1
钮子开关	SW_SPDT	SW_SPDT	*10		1
header1*3	POWER	header3*1	*11		1
TSOP65P760	TB6612	TB6612	*12, *13, *14, *15		4
X120-24N					
AMS1117	AMS1117-5.0	AMS1117	1		1
HDR2X3	Header 3X2	Header 3X2	BOOT?	Header, 3-Pin, Dual row	1
HDR2X3	INT	Header 3X2	BOOT?	Header, 3-Pin, Dual row	1
0603P	22pF	C	C1, C2		2
Cap10uF	10uF	CAP	C3, C4		2
Cap1000uF	1000uF	CAP	C5		1
0603P	103	C	C6		1
0805	100nF	C	C7, C8, C9, C10		4
DIODE_SOP	1N4148	D	D1, D2		2
SMDLED	LED1	LED2	DS?	Typical RED, GREEN, YELLOW, AMBER GaAs LED	1
HDR1X4	A4988Out	Header 4	P1	Header, 4-Pin	1
HDR1X2	VREF_SEL	Header 2	P2	Header, 2-Pin	1
HDR1X4	M1	Header 4	P3	Header, 4-Pin	1
HDR1X4	M2	Header 4	P4	Header, 4-Pin	1
HDR1X4	M5M6	Header 4	P5	Header, 4-Pin	1
HDR1X4	M3M4	Header 4	P6	Header, 4-Pin	1
HDR2X2	IO	Header 2X2	P7	Header, 2-Pin, Dual row	1
0603P	1K	R	R1		1
0603P	10K	R	R2, R4		2
0603P	3K	R	R3		1
KEY	KEY_M	KEY_M	RESET?		1
HEAD2L-0.8	RS485	HEAD2	RS?		3
XTAL_US	12M	XTAL	Y1	Crystal Oscillator	1

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Approved	Notes