



Title		
Size	Number	Revision
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Date:	2017/11/14	Sheet of
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Bill of Materials

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Source Data From: IntelligentCarFor51.PrjPcb
Project: IntelligentCarFor51.PrjPcb
Variant: None

Creation Date: 2017/11/14 14:38:08
Print Date: 14-Nov-17 2:38:18 PM

Footprint	Comment	LibRef	Designator	Description	Quantity
LQFP-44	STC12C5A60S2	STC12C5A60S2	*1		1
TSOP65P760	TB6612	TB6612	*10, *11		2
X120-24N					
R_change	103R	header3*1	*12		1
HDR2X3	5V_G	Header 3X2	5V_G	Header, 3-Pin, Dual row	1
AMS1117	AMS1117-5.0	AMS1117	1117-5, 1117-5V	Header, 16-Pin	2
HDR1X16	1602	Header 16	1602		1
BELL-5	BEEP	BEEP	BEEP?		1
HDR1X4	Bluetooth	Header4booth	Bluetooth		1
0603P	22pF	C	C1, C2		2
Cap10uF	10uF	CAP	C4		1
0603P	103	C	C5		1
0603P	100nf	C	C6, C7		2
0603P	104	C	C8, C10		2
0603P	10uF	C	C9, C11		2
DIODE_3*5.3	1N4148	D	D1, D2		2
DIODE_SOP	1N4148	D	D3, D4, D5		3
DC10B	POWER	POW	DC_IN		1
header1*3	DHT11	DHT11_2	DHT11		1
HDR1X4	HC-SR04	Header 4	HC-SR04	Header, 4-Pin	1
HDR1X4	oled	oled	IIC, OLED		2
header1*6	InfraRed	header1*6	InfraRed		1
header1*3	INT0	header3*1	INT1		1
SMDLED	LED1	LED2	LED, Status	Typical RED, GREEN, YELLOW, AMBER	2
				GaAs LED	
HDR1X4	M1	Header 4	M1	Header, 4-Pin	1
HDR1X4	M2	Header 4	M2	Header, 4-Pin	1
header1*3	POWER	header3*1	MCU_PW, POWER		2
HDR1X2	M	Header 2	P2	Header, 2-Pin	1
HEAD3*4	SteeringEngine	header1*6	PWM		1
SOT-23R	S8550	PNP	Q1, Q2	8550/BCW68	2
0603P	1K	R	R1, R9		2
0603P	10K	R	R2, R6, R8		3
0603P	3K	R	R3		1
0805	10R	R	R4		1
0603P	100R	R	R5, R7		2
HEAD2L-0.8	RS485	HEAD2	RS		1
HDR1X4	UART	Header4booth	UART		1
HDR1X4	UART2	Header4booth	UART2		1
XTAL_US	12M	XTAL	Y	Crystal Oscillator	1
					55

Approved	Notes