





*WFLA-TV*

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Comment	Description	Designator	Footprint	LibRef	Quantity
ADC	Header, 4-Pin	ADC	CONN-SMD_4P-P1.25_XUNPU_WAFE R-GH1.25-4PWB	Header 4	1
104		C1, C20, C21, C29, C30	0603P	C	5
104	Capacitor	C2, C3, C17, C18	M0603	Cap	4
104/NC		C4	0603P	C	1
6PF		C5, C6	0603P	C	2
10uF	无极性贴片电容	C7, C12	C 0603	C	2
22PF		C8, C9	0603P	C	2
104	无极性贴片电容	C10, C11, C15, C19, C33, C34, C35, C36, C37	C 0603	C	9
Cap	Capacitor	C13, C14, C16, C22, C23, C24, C25, C26, C27, C28, C31, C32	C 0603_M	Cap	12
Header 4	Header, 4-Pin	CAN, IIC, UART1, UART2, UART3, UART4, Ultra	CONN-SMD_4P-P1.25_XUNPU_WAFE R-GH1.25-4PWB	Header 4	7
5V	Typical RED, GREEN, YELLOW, AMBER GaAs LED	D1	SMDLED	LED2	1
3V3	Typical RED, GREEN, YELLOW, AMBER GaAs LED	D2	SMDLED	LED2	1
PA4	Typical RED, GREEN, YELLOW, AMBER GaAs LED	D3	SMDLED	LED2	1
B5919WS	肖特基二极管	D4	SOD-323	1N5819	1
1N5817	Default Diode	D5	SOD323	Diode	1
47uF	贴片钽电容	E1, E3, E5, E6	CD A(3216)	CT	4
220uF	贴片钽电容	E2, E4	CD A(3216)	CT	2
Header 10	Header, 10-Pin	IMU1	CONN-SMD_10P-P0.50-H.528921033	Header 10	1
HDR-1X2	2P接插件	JP1	HDR2.54-LI-2P	Header 2	1
HDR-1X8	8P接插件	JP2, LCD1	HDR2.54-LI-8P	Header 8	2
Header 8X2	8*2P接插件	JP3	HDR2.54-LI-2x8P	Header 8X2	1
Header2X2	2*2P接插件	JP4	HDR2.54-LI-2x2P	Header 2X2	1
HDR-1X10	10P接插件	JP5, JP6	CONN-SMD_10P-P1.25_JS_GH125-S10CCA-00	Header 10	2
10R,100mA	小功率贴片电感磁珠	L1, L3	L 0603	L	2
LED		L2	LED_3528_RGB	LED_RGB_Common Anode	1
Bell	Electrical Bell	LS1	Buzzer 1030	Bell	1
MicroSD-A102-206017-001		MicroSD1	TF_CARD	MicroSD1	1
Power	Header, 4-Pin	Power	CONN-SMD_4P-P1.25_XUNPU_WAFE R-GH1.25-4PWB	Header 4	1
NPN	NPN Bipolar Transistor	Q1	SOT23_N	NPN	1
SS8050	高频放大-NPN型	Q2	SOT23-3N	8050-SMD	1
10K		R1, R5	0603P	R	2
47K	Resistor	R2, R3, R4, R50	M0603	Res2	4
1K		R6, R7, R8	0603P	R	3
0R	贴片电阻	R9, R15	R 0603	R	2
10K	贴片电阻	R10, R14	R 0603	R	2
120	Resistor	R13	M0603	Res2	1
10k	Resistor	R16, R20, R21, R23, R25, R26, R28, R30, R31, R32, R42, R44	M0603	Res2	12
Res2	Resistor	R17, R18, R19, R22, R29, R33	R 0603_L	Res2	6
1k	Resistor	R24, R27	M0603	Res2	2
2.2K	Resistor	R34, R35	M0603	Res2	2
120R	Resistor	R36, R37	M0603	Res2	2
5.1K	贴片电阻	R38, R39	R 0603	R	2
100K	Resistor	R40, R45	M0603	Res2	2
1.5k/NC		R41	0603P	R	1
1.5k		R43	0603P	R	1
1K	贴片电阻	R46, R47	R 0603	R	2
120	贴片电阻	R48, R49	R 0603	R	2
50R	Resistor	R51, R52	M0603	Res2	2
SW-PB	Switch	S1, S2	SW3'6"2.5	SW-PB	2
HDR-1X4	4P接插件	SWD	CONN-SMD_4P-P1.25_XUNPU_WAFE R-GH1.25-4PWB	Header 4	1
STM32F103V	STM32单片机100引脚	U1	LOFP-100_M	STM32F103V	1
TJA1050T/CM	can芯片	U2	SOIC-8 L5.0-W4.0-P1.27-LS6.0-BL	TJA1050T/CM,118	1
MS621FE-FL11E		U3	CAP-SMD FL11E	MS621FE-FL11E	1
MPU-6050		U4	OFN-24 L4.0-W4.0-P0.50-BL-EP2.6	MPU-6050_C24112	1
W25Q128		U5	SOP8W_N	SPI_FLASH	1
662K	662K	U6, U7	SOT-23-3 L2.9-W1.3-P1.90-LS2.4-BR	662K	2
USB TypeC	12P TypeC 插座	USB	USB Type-C	USB Type-C	1
32.768K		X1	Y 3215	Y	1
8M		Y1	CRYSTAL-SMD_4P-L3.2-W2.5-BL	3225 8M 12PF 10PPM	1