















Comment 103	Description 无极性贴片电容	Designator C1, C16	Footprint C 0603_L	LibRef C	Quantity
106	无极性贴片电容	C2	C 0805_L	Č	
22pF 104	无极性贴片电容 无极性贴片电容	C3, C5 C4, C7, C11, C12, C13, C14, C21, C22,	C 0603_L	С	
		C25, C29, C31, C32, C35, C36, C37			
2.2uF 105	无极性贴片电容 无极性贴片电容	C6, C8, C10 C9, C17, C19, C20,	C 0603_L	c	
4.7uF	无极性贴片电容	C23, C24 C15	C 0603_L	c	
47uF 47nF	无极性贴片电容 无极性贴片电容	C18 C26	C 0603_L C 0603_L	c	
100pF	无极性贴片电容	C27, C30	C 0603_L	C	
4.7nF EDG-RM-3.81	无极性贴片电容 3.81间距	CAN	C 0603_L 15EDGRM-02P-	绿头卧式2P	
XT30PW-M	XT30PW-M PCB板专 用卧式连接器,低温	CON1	3.81mm XT30PW-M	XT30PW-M	
DSK34	升阻燃插头 肖特基二极管	D1	SOD-123	1N5819	
1N4148 NUD2105	高速开关二极管 表贴肖特基二极管	D2, D5 D4	SOD-123 SOT23-3L	1N4148 BAT54A	
SMBJ28CA	瞬态电压抑制二极管	DR1	SMB	DR	
SMF5.0A HDR-1X4	瞬态电压抑制二极管 4P接插件	DR2 DT35	SOD-323 XH2.54-LS-4P	DR Header 4	
220uF/6.3V H_JTAG_8	贴片钽电容 8脚JTAG下载接口	E1 J1	CD B(3528) IDC2.54-LI-2x4P	C-CD H JTAG 8	
15uH 120R@100MHz	NR磁胶电感	L1	NR4020	L-NR	
33R@100MHz	磁珠 磁珠	LB1 LB2	FB 0603_L FB 0603_L	LB LB	
WHITE RED	贴片LED 贴片LED	LED1 LED2	LED 0603W LED 0603R	LED-SMD LED-SMD	
GREEN BLUE	贴片LED 贴片LED	LED3, LED10 LED4, LED8	LED 0603G LED 0603B	LED-SMD LED-SMD	
PINK YELLOW	贴片LED 贴片LED	LEDS, LED9 LED6	LED 0603R LED 0603R	LED-SMD LED-SMD	
ORANGE	贴片LED	LED7	LED 0603R	LED-SMD	
HDR-1X4 IRF7416	OLED-4P接插件 Mosfet Transistor, P Channel, -10 A, -30 V, 20 Mohm, 10 V, -1 V	Q1	OLED_0.96寸-LI-4P SOP8_L	OLED_I2C_128*64 IRF7416TRPBF	
TLP291	Optocoupler DC-IN 1-CH Transistor DC- OUT 4-Pin SSOP T/R	Q3	Everlight_EL3H7- G_MFG	EL3H7_C_TAVG	
1K	贴片电阻	R1, R2, R3, R5, R15, R28, R33, R43, R44 R4 R6 R10 R14 R17	R 0603_L	R	
10K	贴片电阻	R4, R6, R10, R14, R17, R24, R30, R40	R 0603_L	R	
0r 3.24K	贴片电阻 贴片电阻	R7, R8 R9	R 0603_L R 0603_L	R R	
20K	贴片电阻	R11	R 0603_L R 0603_L	R	
3.3K 2K	贴片电阻 贴片电阻	R12 R13	R 0603_L	R R	
2.2K 10	贴片电阻 贴片电阻	R16 R18. R21	R 0603_L R 0603 L	R R	
5.11K	贴片电阻	R19	R 0603_L	R	
22	贴片电阻 贴片电阻	R20 R22, R23, R26, R27,	R 0603_L R 0603_L	R R	
120 0.1%	贴片电阻	R36, R37, R39, R41 R25	R 0603_L	R	
124K 60	贴片电阻 贴片电阻	R29 R31, R34	R 0603_L R 0603_L	R R	
5.1K	贴片电阻	R38	R 0603_L	R	
1.5K 104	贴片电阻 贴片网络排阻	R42 RP1	R 0603_L RCA-8P4R-0603	R R-8P4R	
6x6x5	2脚贴片6x6无声硅胶 轻触开关	SW1	TS 2PIN 6x6x4.8	TSW SMD-2Pin-6x6	
	測试点 ARM Cortex-M4 32-	TP1	TEST 1	TEST	
STM32F302C8T6	bit MCU, 64 KB Flash, 16 KB Internal RAM, 37 I/Os, 48-Pin LQFP, -40 to 85 deqC, Tray	uı	LQFP48 7X7_L	STM32F302C8T6	
TPS5430	5.5V to 36V Input, 3A, 500kHz Step- Down Converter 8- SO PowerPAD 0 to 0	U2	Texas_Instruments_D DA000BJ_IPC_C	TPS5430DDA	
ADP7118AUJZ-3.3	20 V, 200 mA, Low Noise, CMOS LDO Linear	U3	Analog_Devices_Inc_ UJ-5_IPC_C	ADP7118AUJZ-3.3- R7	
AD1582BRTZ-REEL7	Regulator Micropower, Precision Series Mode Voltage Reference, 2.5 V Output, 2.7 to 12 V Supply, Industrial, 3- pin SOT23 (RT-3), Reel	U4	SOT23-3L	AD1582BRTZ-REEL7	
	Double Channel Wide Bandwidth			AD8606ARMZ-REEL	
AD8606ARMZ-REEL	Operational Amplifier, 10 MHz BW, 5 V/us SR, Industrial, 8-pin SOP (RM-8), Reel	U5	RM_8_ADI+L	ALJBOUGHRIVIZ-REEL	
AD8606ARMZ-REEL ADS8864IDRCR	Amplifler, 10 MHz BW, 5 V/us SR, Industrial, 8-pin SOP (RM-8), Reel 16-Bit, 400-kSPS, 1- Ch SAR ADC with single-ended input, SPI interface and dalsy-chain 10- VSON -40 to 85	U5 U6	RM_8_ADI-L DRC10_TEX	ADS8864IDRCR	
ADS8864IDRCR WS2812	Amplifier, 10 MHz BW, 5 V/us SR, Industrial, 8-pin SOP (RM-9), Reel 16-Bit, 400-KSPS, 1- Ch SAR ADC with single-ended input, SPI interface and dalsy-chain 10- YSON -40 to 85 Intelligent Control LED Integrated Light Source, 3.5 to 5.3 V, -25 to 80 degC, 4- Pin SMD, RoHS, Bulk	U6 U7	DRC10_TEX WS2812B_B	ADS8864IDRCR WS2812	
ADS8864IDRCR	Amplifier, 10 MHz BW, 5 V/us SR, Industrial, SR-pin SOP (RMA-S), Reel 16-Bit, 400-KSPS, 1- Ch SAR ADC with single-ended input, SPI interface and diaby-chain 10- VSON -40 to 85 intelligent Control LED Integrated Light Source, 3.5 to 5.3 V, -25 to 80 degC, 4-	U6	DRC10_TEX	ADS8864IDRCR	
ADS8864IDRCR WS2812	Amplifier, 10 MHz BW, 5 Y/us SE, Industrial, 8-pin SOP (BM-8), Roel 16-Bit, 100-KSPs, 11- 16-Bit, 100-KSPs, 11	U6 U7	DRC10_TEX WS2812B_B	ADS8864IDRCR WS2812	
AD5886 IIDRCR WS2812 SN65HVD1050 LTC4412ES6	Ampellier, 10 MHz St. BW, 5 VMz St. BW, 5 VM	U6 U7	DRC10_TEX WS2812B_B SOP8_L Texas_Instruments_D	ADS8864IDRCR WS2812 SN65HVD1050	
AD5884IDRCR WS2812 SSN65HVD1050 LTC4412ES6 BS07221BDR	Ampellier, 10 MHz MW, 5 VMx SR, MW, 5 VMx SR, Industrial, 8-pin SOP MHz MB, 100-45R, 11-6-8H, 4000-45R, 1-16-8H, 4000-45R, 1-16	U6 U7 U8 U9 U10 U11	DRC10_TEX VK28178_B SOPR_L Texas_Notruments_D SOPR_L SOPR_L SOPR_N	ADS884IDRCR WS2812 3N65HVD1050 LTC4412IS4F18F8F ISO7721BDR	
AD5886 IIDRCR WS2812 SN65HVD1050 LTC4412ES6	Ampeller, 10 MHz BW, 5 V/us, SR, Industrial, 8-pin SOP, BM, 5 P(us, SR, Industrial, 8-pin SOP, BM, 50, Rose B	U6 U7 U8 U9	DRC10_TEX WS28128_B SOPR_L Texas_Instruments_D SOPR_L	ADS896/EDRCR WS2812 WS2812 SN65HVD1050 LTC4412/S6#TRP8F	