













Comment	Description	Designator	Footprint	LibRef	Quantity
	Capacitor, Capacitor, Capacitor, Capacitor, Capacitor, Capacitor,				
	Capacitor, Capacitor,				
	Capacitor, Capacitor, Capacitor, Capacitor,	04 00 04 07 00 00			
	Capacitor, Capacitor, Capacitor, Capacitor,	C1, C2, C6, C7, C8, C9, C10, C11, C12, C13,			
	Capacitor, Capacitor,	C14, C15, C16, C17, C18, C19, C20, C21,			
0603	Capacitor, Capacitor, Capacitor, Capacitor,	C22, C23, C24, C25,	0603_C	CAP	
LU6U3	Capacitor, Capacitor,	C26, C28, C29, C32, C34, C35, C46, C47,	0000_0	074	
	Capacitor, Capacitor, 0.1uf/50V, Capacitor,	C48, C49, C50, C51,			
	Capacitor, Capacitor,	C52, C53, C54, C55, C56, C57, C58			
	Capacitor, Capacitor, Capacitor, Capacitor,				
	Capacitor, Capacitor, Capacitor, Capacitor,				
	Capacitor, 0.1uf/50V,				
220uf/35V/8*12	22pf 直插电解电容	C3	CAP8*12	C-CAP	
0805	10uf/35V, Capacitor,	C30 C31 C36	0805 C	CAP	
C1206	22UF/50v Capacitor	C33	1206_C	CAP	
104 50V	贴片电容	C37, C38, C39, C40,		0603 100nF (104) 10%	
		C41, C44	0603_C	50V 0603 22pF (220) 5% 50V	
22pF (220) 5% 50V	贴片电容	C42, C43	0603_C	0805 10uF (106) 10%	
10uF (106) 10% 25V	贴片电容	C45	0805_C	25V	
THD2528-11SD-GF		CARD1	TF-SMD_THD2528- 11SD-GF	THD2528-11SD-GF	
BAT		CN1	BATS	BAT	
SMAJ24A	Schottky Diode	D1, D4, D7	SMA(DO-214AC)_S1	D Schottky SMB/DO-214AA	
SMBJ6.5CA	TVS	D2, D3, D5, D6, D8, D9	SMB(DO-214AA)_S1	P6SMB6.8CA	
IN4148	肖特基二极管	D10, D11	SOD-123	SOD-123 B5819W SL	
SS34	二极管	D12	SMA(DO-214AC)_S1	SMA(DO-214AC) SS54	
SS14 M7	二极管 Zener Diode	D13 D20	SMA(DO-214AC)_S1 SO-0.4	SMA(DO-214AC) SS54 ZENER3	
VI/ PGB1010603NR	Lotter blode	D21, D22, D23, D24,	D0603-BI	PGB1010603NR	
7.75A/30V	Euro	D25, D26, D27 F1	1206_R	Fuse 1	
3.75A/30V 30R/2.0A/0.05DCR	Fuse 贴片电感	FB1, FB2, FB3, FB5	1206_R 0603_L	0603 3.9nH 0.3nH	
errite Bead		FB4	0603_L	IND1009	
U12		J1, J2, J3	RJ12	RJ12	
Header 4	Header, 4-Pin	J4	CON4-2.0	Header 4	
I.OK-LS-16PWB		J5	FPC-SMD_16P-P1.00- HDGC-1.0K-LS-16PWB	1.0K-LS-16PWB	
CON3	Connector	J7	POWER	CON3	
HY911102A		J8	RJ45-TH_HR911105A	HY911102A	
HFD4/5		K5	RELAY-TH_HFDXXX IND-SMD_L10.5-	HFD4/5	
22UH/3A		L1	W10.3_SLD10D50	L	
5.8uH		L2	L-SPD	L	
30Ω 500R/100M		L3 L4	0603_L 0603_L	30Ω SCBM160808U600T	
	ally vir — der Art	LED1, LED2, LED3,			
黄绿	发光二极管	LED4, LED5	LED-3F	0805 翠緑	
學線 Hondor 2	发光二极管 Hondor 2 Bin	P1	CON-KF-22R-3P	0805 翠绿 Hondor 2	
Header 3 SS8050 Y1	Header, 3-Pin 三极管	Q1, Q2, Q3, Q4	SOT-23(SOT-23-3)	Header 3 SOT-23 SS8050 Y1	
G2305_C402251		Q5	SOT-23-3L	G2305_C402251	
2k/1%		R1, R9, R17	0603_R	电阻	
580R/5%		R2, R6, R10, R14, R18, R22	0603_R	电阻	
1R-1/4W/5%		R3, R5, R11, R13, R19,	1206_R	电阻	
1.7k/1%		R21 R4, R12, R20	0603_R	电阻	
33R/1%		R7, R8, R15, R16, R23,	0603_R	电阻	
3310/170		R24 R25, R26, R29, R33,	0003_K	-EM	
33R/5%		R34, R36, R38, R40,	0603_R	电阻	
100K/5%		R41, R72 R27	0603_R	电阻	
100H0 J /B	+	R28, R32, R35, R37,	0003_R	- and	
IOD/E9/		R42, R43, R44, R47, R52, R53, R54, R55.	0403 B	ds 101	
IOR/5%		R56, R58, R59, R60,	0603_R	电阻	
		R61, R62, R64, R65			
DR/5%	<u> </u>	R30, R31, R39, R45, R46, R48, R49, R50	0603_R	电阻	
M/5%		R51	0603_R	电阻	
0K/5%		R57, R63, R66, R69, R70, R74, R75, R76,	0603_R	电阻	
		R81, R82, R84		U.A.	
0K/1%		R67, R102, R104, R107, R109	0603_R	电阻	
I.24k/1%		R68	0603_R	电阻	
00R/5%		R71	0603_R	电阻	
00K/1%	_	R73, R106	0603_R	电阻	
22k/1% 220R/5%	+	R77 R83	0603_R 0603_R	电阻	
20κ/5% i10Ω (5100) ±1%	贴片电阻	R85, R87, R94, R95	0603_R	世組 0603 510Ω (5100) 1%	
19.9Ω (49R9) ±1%	贴片电阻	R86, R88, R90, R92	0603_R	0603 49.9Ω (49R9) 1%	
0Ω (10R0) ±1%	贴片电阻	R89, R91, R93, R96, R97	0603_R	0603 10Ω (10R0) 1%	
3Ω (33R0) ±1%	贴片电阻	R98	0603_R	0603 33Ω (33R0) 1%	
MΩ (1004) ±1%	贴片电阻	R99	0603_R	0603 1MΩ (1004) 1%	
2KΩ (1202) ±1%	贴片电阻 贴片电阻	R100 R101	0603_R 0603_R	0603 12KΩ (1202) 1%	
0KΩ (1002) ±1%	XX 中國	R101 R103, R105	0603_R 0603_R	0603 10KΩ (1002) 1% 电阻	
22R/1%	T	R108	0603_R	电阻	
PTC/0.2A/30V	Fuse	RV1, RV2, RV3	1206_R	Fuse 1	
лАX485		U1, U2, U3	SOIC-8_150mil	MAX485	
TM32F407VET6		U4	LQFP-100_L14.0-W14.0-	STM32F407VET6	
WH-BLE102	+	U5	P0.50-LS16.0-BL WH-BLE102-V1.1	WH-BLE102	
SV8291	带OVP 的白光LED 驱动	U6	SOT-23-6	PT4101	
	用升压DC/DC 转换器				
ANIOZOGAL CO TO	1	U7	QFN-24_4x4x05P SOIC-8 L5.0-W4.0-	LAN8720AI-CP-TR	
AN8720AI-CP-TR				TPS5430DDA	
TPS5430DDA		U8	P1.27-LS6.0-BL-EP2.0		
PS5430DDA 12.768KHz		X1	P1.27-LS6.0-BL-EP2.0 MC-146_4P	32.768KHz	
AN8720AI-CP-TR IPS5430DDA 32.768KHz			P1.27-LS6.0-BL-EP2.0		