



Comment	Description	Designator	Footprint	LibRef	Quantity
104	Capacitor, 无极性贴片 电容, Cap. (NoValue)	C1, C4, C10, C11, C12, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C34, C35, C40, C44, C81, C42, C43, C48, C49, C86, C87, C88, C89, C90, C94, C96, C98, C99, C98, C99, C100, C101, C102, C103, C104, C105	CAP-0402	Cap, C, 0M02	43
		C2, C27, C33	CAP-0402	Cap	3
1.2uF	Capacitor	C3, C4, C5, C6, C7, C8, C58, C59, C63, C65, Z68, C69	CM03	Cap	12
1.7uF	Cap	C13, C14	CAP-0402	Cap	2
12pF	Capacitor	C26, C53, C67, C92, C93, C107, C108, C109, C117, C118, C119, C120, C121, C122	CAP-0402	Cap	14
10uF	Capacitor, Cap	C28, C29	CAP-0402	Cap	2
7pF	Cap	C41, C73, C75	CM03	9M03 100nF (104) 10% 50V, Cap	3
104	贴片电容, Cap	C42, C43, C49	R1206	1206 2.2uF (225) 10% 50V	3
1.2uF/100V	贴片电容	C44	CAP-0603	9M03 100nF (104) 10% 50V	1
10pF	贴片电容	C45	Cap-0805	0603 4.7uF (475) 10% 16V	1
1.7uF	贴片电容	C46, C47, C48	3528	Cap2	3
1.7uF	Cap	C50	1206_	Cap	1
1uF	Cap	C51, C80, C114, C123	CAP-0402	Cap	4
1.7uF	Cap	C52, C55	CAP-0402	Cap	2
12pF/1nc	Cap	C54	CAP-0402	Cap	1
1.7uF/1nc	Cap	C56, C57	CAP-0402	Cap	2
12pF	Cap	C60, C66, C76, C77	CAP-0402	Cap	4
12uF	Cap	C72, C74	3528	Cap2	2
10pF	Cap	C78, C79	CAP-0402	Cap	2
12uF	Cap	C110	CAP-0603	Cap	5
NC	Cap	C111, C112, C113, C115, C116	CAP-0402	Cap	2
5DS4915-2TR		D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D18, D19, D19, Z20, D21, D25, D27	SOD-523	Diode-zener	19
2SK310	肖特基二极管	D14	SOD-123FL	SS14	1
C192	肖特基二极管	D15	SOD-123FL	SS14	1
2SK34		D16, D17, D23	SOD-123	Diode	3
4V-SRV05-4		D22	SOT-23-4	4V-SRV05-4	1
2SK34		D24	SOD-123FL	Diode	1
3S14		D26	SOD-323	Diode	1
WVD	Download pad1, Download pad2	Download pad1, Download pad2	Download Pad-4	SWD	2
3AA485A	瞬态电压抑制二极管	D81	DIODE S126-2010	DR	1
4MFJ5OCA	瞬态电压抑制二极管	D82	SOD-123	DR	1
TYPE-C-31-M-12		J1	TYPE-C-USB-17	TYPE-C-31-M-12	1
40R@100M/300mA	Inductor	L1, L2	L-0402	Inductor	2
13uH04050	贴片功率电感	L3	0630	L-CD	1
1.7uH	Res4, G2105D461TF, AOOD, 0402, 100mH±g	L4, L5, L6, L7	3012	L0402	4
WCM2012F25F-801-N		L8, L10	FILTER-SMD,4P,L2,0- N12-BL-1	WCM2012F25F-801-N	2
XCMS12A20F25F- 60T02		L9, L11	FILTER-SMD,4P,L3,4- N11&B8	DCM121620F25F- 60T02	2
BLA0		L14	CAP-0402	Inductor	1
7	贴片LED	LED1	LED-0603	LED-SMD	1
5	贴片LED, 贴片LED带座	LED2, LED6	LED-0603	LED-SMD	2
3REEN	GREEN / LED / 0402 / 1V8 RLG4T1(台湾亿光)	LED4	LED-0603	LED0603	1
RED	RED / LED / 0402 / 1V8 RLG4T1(台湾亿光)	LED5	LED-0603	LED0603	1
5	贴片LED带座	LED7	LED-0603	LED-SMD	1
IP		P1	GH1 25-5P	Connect-5	1
IP		P2, P5	GH1 25-4P	Connect-4	2
4P/GH1 25/母座		P3	GH1 25-5P	Connect-6	1
IP		P4	GH1 25-5P	Connect-5	1
Q2302		Q1, Q2	SOT23-3	MOS-N	2
IK	Resistor, (NoValue)	R1, R12, R16, R29, R83, R9, R10	RES-0402	Res1, R-0402, Res	7
100R	Resistor	R2, R22, R23, R38, R46, R49, R50, R52, R54, R62, R64, R66, R66, Z69, R71, R72, R74, R76	RES-0402	Res1	18
1M	Resistor	R1, R21	RES-0402	Res1	2
10K	Resistor, (NoValue)	R4, R5, R6, R18, R19, R20, R24, R55, R63, L80, R113	RES-0402	Res1, Res	11
13R	Resistor	R7, R8, R15	RES-0402	Res1	3
1.7K		R9, R10, R11, R119	RES-0402	Res	4
1W 0.1%	Resistor	R13	RES-0603	Res1	1
1.5K 0.1%	Resistor	R14	RES-0603	Res1	1
3K	Resistor, (NoValue)	R30, R91, R94, R95, L120, R121	RES-0402	Res1, R0402_2, Res	4
4W2.5A	Resistor	R32	RES-0603	Res1	1
1.5K 0.1%	Resistor	R33	RES-0402	Res1	1
VC-OR	Resistor	R34	RES-0402	Res1	1
VC	Resistor	R36	RES-0603	Res1	1
1.7K 0.1%	Resistor	R37	RES-0402	Res1	1
1.2K	Resistor	R39, R40, R41, R42, R43, R44, R56, R57, L58, R59, R60, R61	RES-0402	Res1	12
1.5K	Resistor	R67, R68	RES-0402	Res1	2
120R	Resistor	R79	RES-0402	Res1	1
VC	Resistor	R82, R84	RES-0402	Res1	2
10KΩ ±1%	贴片电阻	R85	RES-0603	9603 2.4KΩ (2401) 1%	1
10KΩ ±1%	贴片电阻	R86	RES-0603	9603 10Ω (10R00) 1%	1
IC7		R87, R88, R92, R96	RES-0402	Res	4
IC7/NC		R89, R90, R93, R97	RES-0402	Res	4
120R		R96	RES-0402	R-0402	1
100K		R100, R111, R117	RES-0402	Res	3
150K		R101, R116	RES-0402	Res	2
130		R103, R105, R106, L107, R108	RES-0402	Res	5
100K		R112	RES-0402	Res	1
120K		R114	RES-0402	Res	1
10K		R115	RES-0402	Res	1
170R		R118	RES-0402	Res	1
1W		S1	SW-4 5X4.5	SW	1
PK		S2, S3	MMCK-K6	SMA	2
TEST	测试点	TP3, TP4, TP5	TEST	TEST	3
5TM12F 40VGT6	No Description Available	U1	QFP100	5TM12F 40VGT6	1
1M25W01		U2	SOIC_8	1M25W01	1
1.7V		U3, U4, U5	SOT-23-5	TPS73613	3
10hand		U6	SDmand	SDmand	1
BM088/BM085		U7	LGA-16	BM088	1
4E-431AXG		U9	SOT23-3	4E-431AXG	1
4RS611-018A03		U10	MSS611	MSS611-018A03	1
4UF 2X450VAT1G	USB ESD保护芯片	U11	SOT1463	NU2-24020VAT1G	1
4T1050T		U13	SOFP	1JA1042T	1
IC12A255TER	DC降压芯片	U14	eSOP8	MP9486A	1
42AG611CW5GA		U15	SON, 8m6	WZ5M01GV2E1G	1
ES0201		U16	SF-N 128 12.3*12.3	ES0201	1
1W080AAC		U18, U19, U20, U21	SOT-23-5	5W080AAC	4
2SW2201		U22	CSW2201	CSW2201	1
1M		Y1	3525	XTAL	1
4MM	Oxetal Oscillator SMD, E13B12, 00000 200K2, 1.2M, 20pF, 1.4-20pHz, 3.0V	Z2	3225	4SX23	1