

RUIDIAN ELECTRONIC FACTORY
F-700-462 BOM

1/4

PCBA - SMT

A SIDE(CPU SIDE)

B SIDE

NEW(P/N)	DESCRIPTION	CASE	AQTY	A SIDE POSTION	B QTY	B SIDE POSTION	合计
02-F70001-A3	PCB,4 LAYER,GOLD,55*46*1.0MM	4 LAYER	1	VER:1.3			1
05-00000402-02	CHIP RES 0R±5 %	0402	2	R33 R59	1	R99	3
05--4710805-02	CHIP RES 4.7R±5 %	0805			1	R102	1
05-01000402-02	CHIP RES 10R±5 %	0402	3	R14 R17 R18	4	R12 R13 R15 R16	7
05-01000805-02	CHIP RES 10R±5 %	0805			1	R19	1
05-03300402-02	CHIP RES 33R±5 %	0402			4	R25 R26 R27 R54	4
05-05600402-02	CHIP RES 56R±5 %	0402			2	R57 R58	2
05-08200402-02	CHIP RES 82R±5 %	0402			1	R38	1
05-01010402-02	CHIP RES 100R±5 %	0402	1	R50	2	R1 R2	3
05-03310402-02	CHIP RES 330R±5 %	0402			2	R63 R64	2
05-01020402-02	CHIP RES 1K±5 %	0402	4	R51 R52 R53 R56	6	R44 R45 R46 R47 R48 R9	10
05-01220402-02	CHIP RES 1.2K±5 %	0402	1	R72			1
05-01820402-02	CHIP RES 1.8K±5 %	0402			1	R90	1
05-02220402-02	CHIP RES 2.2K±5 %	0402	4	R4 R5 R49 R94	5	R3 R6 R7 R8 R36	9
05-03320402-02	CHIP RES 3.3K±5 %	0402	1	R37	1	R87	2
05-03920402-02	CHIP RES 3.9K±5 %	0402			1	R20	1
05-05620402-02	CHIP RES 5.6K±5 %	0402	1	R81	1	R40	2
05-06820402-02	CHIP RES 6.8K±5 %	0402	1	R97	2	R34 R35	3
05-04720402-02	CHIP RES 4.7K±5 %	0402	3	R10 R32 R109	4	R28 R29 R30 R31	7
05-01030402-02	CHIP RES 10K±5 %	0402	2	R42 R43	3	R39 R100 R107	5
05-01230402-02	CHIP RES 12K±5 %	0402	1	R98			1
05-01530402-02	CHIP RES 15K±5 %	0402	1	R91			1
05-01830402-02	CHIP RES 18K±5 %	0402	1	R106			1
05-02030402-02	CHIP RES 20K±5 %	0402	1	R41			1
05-02230402-02	CHIP RES 22K±5 %	0402	1	R23	2	R21 R22	3
05-03330402-02	CHIP RES 33K±5 %	0402	2	R61 R62	1	R60	3
05-04730402-02	CHIP RES 47K±5 %	0402	7	R88 R93 R24 R110 R103 R104 R105			7
05-05630402-02	CHIP RES 56K±5 %	0402	1	R66			1
05-06830402-02	CHIP RES 68K±5 %	0402	1	R96			1
05-08230402-02	CHIP RES 82K±5 %	0402			1	R80	1
05-09130402-02	CHIP RES 91K±5 %	0402	1	R74			1
05-01040402-02	CHIP RES 100K±5 %	0402	5	R73 R75 R76 R78 R79	2	R65 R67	7

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RUIDIAN ELECTRONIC FACTORY
F-700-462 BOM

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PCBA - SMT

A SIDE(CPU SIDE)

B SIDE

NEW(P/N)	DESCRIPTION	CASE	AQTY	A SIDE POSTION	BQTY	B SIDE POSTION	合计
05-02240402-02	CHIP RES 220K±5 %	0402			1	R101	1
05-03340402-02	CHIP RES 330K±5 %	0402	1	R85	1	R84	2
05-01050402-02	CHIP RES 1M±5 %	0402	1	R77	1	R86	2
06--1510402-11	CHIP CAP 1.5PF NPO ±0.15PF 25V	0402			5	C11 C12 C13 C114 C58	5
06-00200402-11	CHIP CAP 2PF NPO ±0.15PF 25V	0402			3	C59 C106 C35	3
06--3310402-12	CHIP CAP 3.3PF NPO ±0.25PF 25V	0402			3	C47 C48 C56	3
06-00500402-12	CHIP CAP 5PF NPO ±0.25PF 25V	0402			1	C45	1
06-00600402-12	CHIP CAP 6PF NPO ±0.25PF 25V	0402			2	C4 C60	2
06-00800402-12	CHIP CAP 8PF NPO ±0.25PF 25V	0402			4	C5 C6 C16 C46	4
06-00900402-12	CHIP CAP 9PF NPO ±0.25PF 25V	0402			1	C14	1
06-01000402-02	CHIP CAP 10PF NPO ±5 % 25V	0402			4	C55 C8 C10 C9	4
06-01200402-02	CHIP CAP 12PF NPO ±5 % 25V	0402			1	C7	1
06-01500402-02	CHIP CAP 15PF NPO ±5 % 25V	0402			1	C15	1
06-01800402-02	CHIP CAP 18PF NPO ±5 % 25V	0402					0
06-02000402-02	CHIP CAP 20PF NPO ±5 % 25V	0402			2	C103 C104	2
06-02200402-02	CHIP CAP 22PF NPO ±5 % 25V	0402	1	C102	1	C62	1
06-02400402-02	CHIP CAP 24PF NPO ±5 % 25V	0402	2	C108 C111			2
06-08200402-02	CHIP CAP 82PF NPO ±5 % 25V	0402			2	C54 C129	2
06-01010402-02	CHIP CAP 100PF NPO ±5 % 25V	0402			6	C1 C2 C3 C17 C34 C113	6
06-02210402-02	CHIP CAP 220PF NPO ±10 % 25V	0402			3	C61 C100 C101	3
06-04710402-03	CHIP CAP 470PF X7R ±10 % 25V	0402			1	C115	1
06-01020402-03	CHIP CAP 1NF X7R ±10 % 25V	0402	1	C24	12	C18 C19 C20 C21 C23 C36 C49 C50 C51 C52 C53 C116	13
06-02220402-03	CHIP CAP 2.2NF X7R ±10 % 25V	0402	1	C117			1
06-03320402-03	CHIP CAP 3.3NF X7R ±10 % 25V	0402	1	R95			1
06-01030402-03	CHIP CAP 10NF X7R±10 % 25V	0402	8	C30 C32 C40 C43 C74 C109 C128 C135	7	C37 C38 C39 C41 C42 C88 C76	15
06-02230402-03	CHIP CAP 22NF X7R ±10 % 25V	0402	2	C122 C123	2	C29 C120	4
06-04730402-05	CHIP CAP 47NF Y5V +80,-20 % 25V	0402	1	C119			1
06-01040402-05	CHIP CAP 100NF Y5V +80,-20 % 25V	0402	16	C27 C44 C63 C64 C73 C78 C79 C80 C81 C82 C83	12	C65 C66 C67 C68 C69 C70 C71 C72 C75 C77 C86	28
				C84 C85 C87 C110 C130		C134	
06-01050402-05	CHIP CAP 1UF Y5V +80 % ,-20 % 25V	0402	11	C89 C94 C96 C124 C140 C142 C22 C125 C95 C131	5	C90 C91 C97 C98 C132	16
				C136			
06-01061206-05	C.CAP 10UF /16V Y5V +80% ,-20 %	1206	4	C137 C92 C138 C93	2	C25 C57	6
06-01076032-04	C.TAN 100UF±20% 6.3V SIZE: TYPE C	6032			1	C121	1

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RUIDIAN ELECTRONIC FACTORY
F-700-462 BOM

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PCBA - SMT

A SIDE(CPU SIDE)

B SIDE

NEW(P/N)	DESCRIPTION	CASE	AQTY	ASIDE POSTION	BQTY	BSIDE POSTION	合计
06-02276032-04	C.TAN 220UF±20% 6.3V SIZE: TYPE C	6032			1	C139	1
06-04763528-04	C.TAN47UF±20% 6.3V SIZE: TYPE B	3528			2	C126 C127	2
08-32120300-01	C.TAN 0.32*1.2*3T-P	SMD ER			2	L3 L4	2
08-32120400-01	AIR COIL 0.32*1.2*4T-P	SMD ER			3	L1 L5 L6	3
08-32120500-01	AIR COIL 0.32*1.2*5T-P	SMD ER			1	L2	1
07-08220402-02	CHIP INDUCTOR 8.2NH ±0.3NH (CER.)	0402			1	L10	1
07-01000402-02	CHIP INDUCTOR 10NH ±5 % (CER.)	0402			1	L16	1
07-01200402-02	CHIP INDUCTOR 12NH ±5 % (CER.)	0402			1	L11	1
07-01500402-02	CHIP INDUCTOR 15NH ±5 % (CER.)	0402			1	L12	1
07-01800402-02	CHIP INDUCTOR 18NH ±5 % (CER.)	0402			1	L9	1
07-02200402-02	CHIP INDUCTOR 22NH ±5 % (CER.)	0402			3	L8 L13 L14	3
07-02220805-03	CHIP INDUCTOR 2.2UH ±10 % (FERITTE)	0805			1	L15	1
12-114-00	DIODE KDS114	SOD-323			7	D1 D2 D3 D4 D6 D7 D8	7
12-149A-00	VAR.CAP DIODE BB149A	SOD-323			1	D5	1
11-4901-00	TRANSISTOR 2SC4901 HFE: 120-250 "YK-"	SOT-323			4	Q3 Q4 Q5 Q6	4
11-425W-00	TRANSISTOR BFG425W	SOT-343			1	Q2	1
11-4617Q-00	TRANSISTOR 2PC4617Q "BQ" ROHM	SOT-416	6	Q10 Q11 Q12 Q13 Q14 Q18	1	Q7	7
11-3880-00	TRANSISTOR KTC3880Y	SOT-23			1	Q8	1
11-RD01MSU1-00	MOSFET RD01MSU1	SOT-89			1	Q1	1
11-143-00	TRANSISTOR DTA143ZE / KRA306E/DTA143XE	SOT-416	2	Q15 Q17	1	Q16	3
06-00503246-00	VC 5PF 3.2*4.6MM	SMD			1	VC1	1
05-05030000-00	VR 50K(3MM) ±25 %	SMD			1	VR2	1
05-01030000-00	VR 10K(3MM) ±25 %	SMD			1	VR1	1
01-S817A33-01	IC_PC S-817A33ANB-VUW-T2	SC-82AB	1	U5			1
01-3361SO16-01	IC KA3361 SO-16	SO-16			1	U4	1
01-31202-01	IC_PLL TB31202(TOSHIBA)	SSOP-16			1	U1	1
01-6311QP56-01	IC LM4871MM	MUA08A			1	U6	1
01-24C01-01	IC ATMEL24C01	SO-8	1	U2			1
01-6204332-01	XC6204B-332MR	SOT-25	1	U7			1
12-TZMC6V8-00	ZENDER 6V8	LL-34			1	Z1	1
10-LTC450HT-00	CERMIC FILTER LTC450HT 11.5*6.5*3.0	SMD			1	Y4	1
10-450C49-00	CDBM450C49 6.2*6.0*2.5	SMD			1	Y5	1
10-S465B-00	465M HDF465B SAW FILTER	S-4			1	Y2	1
14-60708001-00	EARPHONE JACK ST-0229SIP-065-142	SMD			1	J1	1

PCBA - BOND

01-60708001-00	CPU	DIE	1	U3			1
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F-700-462 BOM

PCBA - SOLDER

A SIDE(CPU SIDE)

B SIDE

NEW(P/N)	DESCRIPTION	CASE	AQTY	ASIDE POSTION	BQTY	B SIDE POSTION	合计
06-04750402-05	CHIP CAP 4.7UF Y5V +80 % ,-20 % 25V	0603	1	C124			1
10-S2125-02	CRYSTAL 21.250M CL=18PF ±3PPM(-10~+60℃)	49S			1	Y1	1
10-32768-00	CRYSTAL 32.768k ±10PPM CL=12.5PF	2X6MM			1	Y6	1
10-A217-02	CRYSTAL FILTER 21.7M±3.75K	UM-5			1	Y3	1
09-60708001-02	MIC -59DB KT-0627-605-3-P	MINI	1	MIC1			1

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