

The development of sectoral		Development Department		Date of formulation	26/05/2010	revise date	27/01/2010
Models		RTL8187L RV3.0		name	RTL8187+RTL8225+6691 USB Wireless LAN	format	A/1
Change of		①Inventory Change ②Change of finished products ③Changes in the new feed production ④Version change ⑤others					
change reason	position	before change	amount	ription/specificat	after change	Description / Specifications	Description of Change
⑤	C65	10PF 50V NPO 0402 +/-5% ROHS	1	Capacitance	6.8PF 50V NPO 0402 +/-5% ROHS	Capacitance	Design improvements
	C71	0Ω 0402 +/-5% ROHS	1	resistance	2.2NH 0402 +/-0.3NH ROHS	inductance	
	C59	2.2PF 50V NPO 0402 +/-0.25PF ROHS	1	Capacitance	3.3PF 50V NPO 0402 +/-0.25PF ROHS	Capacitance	
	C70	1PF 50V NPO 0402 +/-0.25PF ROHS	1	Capacitance	1.8PF 50V NPO 0402 +/-0.25PF SMD ROHS	Capacitance	
	C72	NI	1	Capacitance	1PF 50V NPO 0402 +/-0.25PF ROHS	Capacitance	
No.	Customers do not	position	quantity	models	specifications	Part Number	remarks
1	○	R1,R2,R10,R11,C46,C38,C47,C54,R17,C36	10	resistance	0Ω 0402 +/-5% ROHS	RR0402A000B1	
		C31	1	resistance	0Ω 0805 +/-5% ROHS	RR0805A000B1	
2	○	R3,R4,	2	resistance	43Ω 0402 +/-1% ROHS	RR0402A430A1	
3	○	R18	1	resistance	120Ω 0402 +/-1% ROHS	RR0402A121A1	
4	○	R19	1	resistance	330Ω 0402 +/-5% ROHS	RR0402A331B1	
5	○	R5	1	resistance	1.5KΩ 0402 +/-1% ROHS	RR0402A152B1	
6	○	R6	1	resistance	6.2K 0402 +/-1% ROHS	RR0402A622A1	
7	○	R14,R16	2	resistance	10KΩ 0402 +/-5% ROHS	RR0402A103B1	
8	○	DR1,	1	resistance	15KΩ 0402 +/-5% ROHS	RR0402A153B1	
9	○	R8,R15	2	resistance	68KΩ 0402 +/-1% ROHS	RR0402A683A1	
10	○	R12	1	resistance	309KΩ 0402 +/-1% ROHS	RR0402AK309A1	
11	○	C72	1	Capacitance	1PF 50V NPO 0402 +/-0.25PF ROHS	CC0402NP1R0A1	
13	○	C28,L5	2	Capacitance	2.2PF 50V NPO 0402 +/-0.25PF ROHS	CC0402NP2R2A1	
		C59	1	Capacitance	3.3PF 50V NPO 0402 +/-0.25PF ROHS	CC0402NP3R3A1	
		L4	1	Capacitance	1.5PF 50V NPO 0402 +/-0.25PF SMD ROHS	CC0402NP1R5A1	
14	○	C40,C73,C70	3	Capacitance	1.8PF 50V NPO 0402 +/-0.25PF SMD ROHS	CC0402NP1R8A1	
15	○	C23	1	Capacitance	5.6PF 50V NPO 0402 +/-5% ROHS	CC0402NP5R6B1	
16	○	C41,C65,	2	Capacitance	6.8pF 50V NPO 0402 +/-0.25PF ROHS	CC0402NP6R8A1	
18	○	C68,C69,C20,C19,C18,C17,C16,C50,C3,C29,C24	11	Capacitance	10PF 50V NPO 0402 +/-5% ROHS	CC0402NP100B1	
19	○	C44,C45,C42,C43,	4	Capacitance	15PF 50V NPO 0402 +/-5% ROHS	CC0402NP150B1	
20	○	C80,C81	2	Capacitance	20PF 50V NPO 0402 +/-5% ROHS	CC0402NP200B1	
21	○	R13	1	Capacitance	22PF 50V NPO 0402 +/-5% ROHS	CC0402NP220B1	
22	○	C7	1	Capacitance	68PF 50V NPO 0402 +/-5% ROHS	CC0402NP680B1	
23	○	C8,C55,C76,C75,C93,C51	6	Capacitance	100PF 50V NPO 0402 +/-5% ROHS	CC0402NP101B1	
24	○	C34,C39,	2	Capacitance	1NF 50V X7R 0402 +/-10% ROHS	CC0402X7102C1	
25	○	C5,DC15,DC18,C52,C56,C57,C6,C26,C78,C79,	10	Capacitance	10NF 50V X7R 0402 +/-10% ROHS	CC0402X7103C1	
26	○	C12,C11,DC16,C1,C62,DC19,DC1,C89,DC11,DC3,DC26,DC4,DC27,DC7,DC28,DC20,DC14,DC17,DC30,DC6,DC12,DC8,C66,C67,C63,C9,C64,C37,C53,	29	Capacitance	0.1UF 16V Y5V 0402 +80/-20% ROHS	CC0402YV104D1	
27	○	C61,DC21,DC22,C33,	4	Capacitance	1UF 10V Y5V 0402 +/-10% ROHS	CC0402X5105C1	

28	○	C4,C10,C35,C15,C13,C2,C74,C27	8	Capacitance	10UF 10V Y5V 0805 +80%/-20% ROHS	CC0805YV106D1	
		C83,C71	2	inductance	2.2NH 0402 +/-0.3NH ROHS	LL0402A2R2A1	
30	○	L16,L30,C32	3	inductance	2.7NH 0402 +/-0.3NH ROHS	LL0402A2R7A1	
31	○	L19	1	inductance	3.9NH 0402 +/-0.3NH ROHS	LL0402A3R9A1	
	○	C82	1	inductance	4.7NH 0402 +/-0.3NH ROHS	LL0402A4R7A1	
32	○	L10	1	inductance	8.2NH 0603 +/-0.3NH ROHS	LL0603A8R2A1	
33	○	L8,	1	Power Inductors	4.7UH 3.2*3.2*2MM 1A ROHS	LW3220A472E1	
34	○	L2,L22	2	Bead inductors	120°C@100MHZ 0402 +/-25% SMD ROHS	LB0402A121F1	
36	○	D3	1	LED Green light	Ordinary 0603 Green Light ROHS	LED0603G1	
36	○	D3	0	LED blue light	Ordinary 0603 Blue Light ROHS	LED0603B1	
37	○	U4	1	Crystal	40MHZ 10PPM 15PF 4PIN 3.2*2.5MM SMD ROHS	YY3225A40M15P10P	
38	○	U10	1	IC	2SA1036KT146R SOT23 3PIN SMD ROHS	QQ2332SA1036	
39	○	U1	1	IC	ATMEL 93C46 SOP 8PIN SMD ROHS	EP08AT93C46	
41	○	U12	1	IC	AS1301 SOT23-5	PW235AS1301	
42	○	U11	1	IC	FSP2132C18 SOT23-5L SMD ROHS	LD235FSP2132C18	
43	○	Q2	1	IC	RTC6602 SC82 4PIN ROHS	LA04RTC6602	
44	○	U2	1	IC	RTC6691 QFN-16PIN 3*3 ROHS	PA16RTC6691	
45	○	U14	1	main chip	RTL8225 QFP 48PIN SMD ROHS	MU048RL8225	
46	○	U3	1	main chip	RTL8187L QFN 128PIN SMD ROHS	MU128RL8187	
47	○	U5	1	IC	AS179-92 SC70-6PIN ROHS	SW06AS17992	
48	○		1	PCB	RTL8187L RV3.0 80.8*52*1.0MM 4 OSP ROHS	PCB0017	
49	○	J3	1	usb interface	USB MINI-5PIN SMT ROHS	USB003	
50	○	CON1	1	SMA	SMA 90 °C Cube plate inserted	SMA002	
			1	Screen cover	Metal screen cover 42*31.4*2.2MM	PBG003	