



BOM

Model: PA-US1-01RF

NO.	PART NAME	PART TYPE	SPECIFICATION	UNIT	Q'TY	NOTE
SMT:						
1	RESISTOR	R29-R34,C20	0R(0603)	PCS	7	
		R16	300R(0603)	PCS	1	
		R3	300R(0805)	PCS	1	
		R22,R26,R28	1K(0603)	PCS	3	
		R6	4.7K(0603)	PCS	1	
		R21	5.6K(0603)	PCS	1	
		R4,R13,R18,R24	10K(0603)	PCS	4	
		R10	22K(0603)	PCS	1	
		R20	33K(0603)	PCS	1	
		R19	47K(0603)	PCS	1	
		R9,R11,R14	100K(0603)	PCS	3	
		R12,R15,R23	1M(0603)	PCS	3	
2	CAPACITOR	C14	2P(0603)	PCS	1	NPO ±0.25P
		C12	3P(0603)	PCS	1	NPO ±0.25P
		C15,C17	8P(0603)	PCS	2	NPO ±0.25P
		C7,C16,C21	100P(0603)	PCS	3	±10%
		C10,C11,C13	470P(0603)	PCS	3	±5%
		C2	104P(0603)	PCS	1	Endurance 35V
		C4,C5,C22	104P(0603)	PCS	3	
		C3,C6,C8,C19	105P(0603)	PCS	4	
3	Zenerdiode	Z2	4.7V/1206	PCS	1	GLASS PACKING
		Z1	24V/1206	PCS	1	GLASS PACKING
4	SMD diode	D1-D5	M7-142A	PCS	5	

5	SMD triode	Q1,Q2,Q3	9013(SOT-23)	PCS	3	
		Q6,Q7	S8050(SOT-23)	PCS	2	
		Q4,Q5	2SC3356(SOT-23)	PCS	2	$\beta \geq 200$ NEC
6	inductance	L3	33NH(0603)	PCS	1	
		L2	1UH(0805)	PCS	1	
7	IC	IC2	TE811P08S (SO-8)	PCS	1	
		IC3	24C02(SO-8)	PCS	1	
DIP						
8	metal-film resistance	R1	100R/0.5W	PCS	1	
		R2	470K/0.25W	PCS	1	
9	Switch	SW1	6*6*4.3	PCS	1	
10	LED	LED1	$\phi 3$	PCS	1	
11	electrolytic capacitor	C9	10uF/16V	PCS	1	$\phi 4$ MM H=8MM
		E1	220uF/35V	PCS	1	$\phi 8$ MM H=12MM, ≥ 35 V
		E3	47uF/16V	PCS	1	$\phi 4$ MM H=8MM
12	Capacitor	C1	0.47UF/275V	PCS	1	AD
13	relay	J1	SRD-S-124DM	PCS	1	DC24V/125V/15A
14	inductance	L1	0.6*5*2.5T	PCS	1	OEM
15	antenna			PCS	1	OEM
16	LED hook		H=8MM, $\phi 5$ MM	PCS	1	
17	thermal fuse	F1	F1	PCS	1	AUPO
18	fuse tube		1MM*28MM	PCS	2	
19	PCB board	PA-US1-01RF.pcb	53MM*46MM	PCS	1	