

AVCW-AG BOM Rev 1.0 , modify from ACR/ASR-AG (Rev3.0)								
1. Adding item 44, two connectors.								
2. Modify item 19 to right angle MMCX Ant. connector..								
3. Adding item 45, Q1								
Share same PCB with ACR/ASR-AG, but different BOM.								
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Item	Part No.	Description	QTY	Location	Vender	Marking	ID/Spec	
1	-	Non populating	9	C1 C2 JP2 JP5 Q1 R1 R13 R2 R40	-		100/0	
2	-	C -- 1000pF, 1.5KV , PTH	1	C11	-		505/0	
3	1503-104KXO-16	C -- X7R 0.1UF 10% 16V SM0603	37	C12 C13 C14 C15 C16 C17 C18 C19 C20 C21 C23 C24 C25 C26 C27 C28 C29 C3 C30 C31 C32 C33 C34 C35 C36 C37 C38 C39 C40 C41 C43 C44 C46 C47 C48 C50 C8	MURATA	GRM39X7R104K025AD	124/201	
4	-	C-- 22uF 6.3V 20% Tant 3528	1	C22	Panasonic	ECST0JX226R	348/227	
5	-	C -- NPO 33PF 10% 50V SM0603	2	C4 C5	Panasonic	ECJ1VC1H330K	394/149	
6	150D-476MTO-16	C -- 47 UF 16V K, Tant, D	2	C42 C45	-		5/130	
7	1506-106MYO-10	C -- 10uF 10V, Y5V, Tant, GRM230Y5V106Z010AL, SMD 1206	1	C49	MURATA	GRM230Y5V106Z010AL	288/182	
8	1503-103KXO-16	C -- X7R 0.01UF 10% 16V SM0603	1	C6	PANASONIC	ECJ1VB1C104	196/190	
9	1505-105KXO-16	C-- 1uF 16V 10% X7R 0805	1	C7	Murata	GRM40-X7R105K016	345/224	
10	-	C -- 0.01uF 1.5KV, PTH	1	C9	-		504/0	
11	-	LED(R)(SMD),95-21SURC/S530-E2/TR7	2	D1 D3	-		480/0	
12	-	LED(G)(SMD),95-21SYGC/S530-E2/TR7	2	D2 D5	-		477/0	
13	-	LED(Y)(SMD),95-21UYC/S530-E2/TR7	1	D4	-		479/0	
14	-	Socket -- mini PCI, 0.8mm pitch, 124 position, 5.2mm height	1	J1	FOXCONN	ASOA226-S2H	547/231	
15	-	Header -- 2 x 5, Male, 0.1" pitch, TH	1	J2	-		475/0	
16	2120-000005-01	Con -- RJ-45 low profile	1	J3	-		53/131	
17	2121-000003-01	Con -- Power connector 2mm diameter	1	J4	-		52/121	
18	-	ANTENNA -- SMD,CF=2.45GHZ BW=380MHZ	1	J5	WALSIN	RFANT76351,10A1B	542/0	
19	-	ANT connector: MMCX on board connector, right angle, PTH	1	J7	Antenniques	-	554/0	
20	4703-0512JX-01	R -- 5.1K ohm, J , 0.1W, TF 0603	21	R10 R11 R12 R14 R15 R16 R17 R18 R19 R20 R21 R22 R23 R24 R25 R26 R5 R6 R7 R8 R9	-		489/104	
21	-	R -- 2M ohm, J, 0.1W, TF 0603	1	R27	-		501/104	
22	-	R -- 24.9K OHM 1% TF 0.1W SM0603	1	R28	PANASONIC	ERJ-6REF2492	490/148	
23	-	R -- 2.49K OHM 1% 1/10W SM0603	1	R29	PANASONIC	ERJ-6REF2491	262/148	
24	4703-0333JX-01	R -- 33K ohm , J, 0.1W, TF 0603	1	R3	-		488/104	
25	-	R -- 20.0K OHM 1% TF 0.1W SM0603	1	R30	PANASONIC	ERJ-6REF2002	491/148	
26	4703-0510JX-01	R -- 51 ohm, J, 0.1W, TF 0603	4	R31 R32 R33 R34	-		68/104	
27	-	R -- 75 ohm, 1%, 0.1W, TF 0603	2	R35 R36	Panasonic	ERJ-6REF0750	403/148	
28	4703-471JX-06	R -- 470 OHM 5% 1/10W SM0603	4	R37 R39 R4 R41	PANASONIC	ERJ-2GEJ471	211/0	
29	-	R -- 0.5 ohm 1% 0.2W SM1206	1	R42	YAGEO	YAGEO	492/0	
30	-	R -- 150 OHM 0.5% TF 0.1W SM0603	1	R43	-		493/0	
31	-	R -- 165 OHM 0.5% TF 0.1W SM0603	1	R44	-		494/0	
32	-	Push Button -- Reset switch, right angle , PTH	1	S2	C&K	PTS645VL31	367/242	
33	-	F -- 16PT8515, 10/100 Ethernet filter	1	T1	BothHand	16PT8515	498/278	
34	-	IC -- IP2022-160, Internet Processor 160 MHZ, PQFP80	1	U1	Ubicom	IP2022/PQ80-160	499/0	
35	-	IC -- 74AC573, Octal Latch with tri-state, SOIC20	1	U12	-		421/0	
36	-	IC -- 74LV4066, Analog Switch, SO14	1	U2	Ti	74LV4066	500/279	
37	-	IC -- AX88796L, 10/100 Ethernet controller, LQFP-128	1	U3	ASIX	AX88796L	502/276	
38	-	IC -- IS63LV1024-10J, 128K*8 3.3V SRAM , SOJ32	1	U4	ISSI	IS63LV1024-10J	510/0	
39	-	IC -- SST39VF040-90, 5128K*8 Flash, TSOP32	1	U5	SST	SST39VF040-90-4C-WH	503/277	
40	-	IC -- LM1117-3.3V 0.8A adjustable voltage regulator, SOT223	1	U6	NS	LM1117MPX-3.3	506/280	
41	-	IC -- LM1117-ADJ 0.8A adjustable voltage regulator, SOT223	1	U7	NS	LM1117MPX-ADJ	495/280	
42	-	Crystal -- 3.2MHZ crystal, HC49/QUS, 2.5mm height, PTH	1	X1	QVS	QVS49S2-3.2MHZF	496/295	

43 -	Crystal -- 25MHZ crystal, HC49/QUS,2.5mm height, PTH	1   X2	QVS	QVS49S2-25MHZF	497/295
44 -	Con -- ZIF FFC receptacle, vertical, 1mm 2x3 PTH	2   JP1, JP5	Molex	71226-0625	550/304
45 -	TR -- MMBT3904LT1, NPN transistor, SOT23	1   Q1	FairChild	MMBT3904	432/303
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