

## WNC's DCMA-82 MMCX BOM

Item	Description	Quantity	Reference Designator	Vendor	Vendor Part Number
1	CAP,0402,NPO,0.3pF,+/- 0.1pF, 50V	1	C48(C2)	Tayi yuden	EVK105CH0R3BW
2	CAP,0402,NPO,0.4pF,+/- 0.1pF, 50V	1	C41(C2)	Darfon	C1005NP0408BGT
3	CAP,0402,NPO,0.5pF,+/- 0.1pF, 50V	4	C11(B2),C15(B2),C16(B2),C39(B1)	Murata	GRM1555C1HR50BZ01E
4	CAP,0402,NPO,1pF,+/- 0.25pF,50V	6	C17(A3),C21(B2),C51(C1),C59(C1), C42(C1),C43(C1)	Murata	GRM1555C1H1R0CZ01E
5	!CAP 1.5P GRM1555C1H1R5BZ01D	1	Ca6(C1)	Murata	GRM1555C1H1R5BZ01E
6	CAP,0402,NPO,1.8pF,+/- 0.25pF,50V	3	C2(B2),L8(B3),C12(B2)	PHYCOMP	2238-869-15188
7	CAP,0402,NPO,2.0pF,+/- 0.25pF, 50V	1	C38(B1)	Murata	GRM1555C1H2R0CZ01D
8	CAP,0402,NPO,2.2pF,+/- 0.25pF, 50V	3	C9(B2),C46(C2),C3(A3)	PHYCOMP	2238-869-15228
9	!CHIP CAP 8.2P GRM1555C1H8R2D	4	C52(B1),C53(C1),C60(C1),C47(C1)	MURATA	GRM1555C1H8R2CZ01D
10	CAP,0402,NPO,10pF, +/- 5%, 50V	12	C4(A3),C18(B2),C19(B2),C23(B2), C67(B2),C84(B2),C103(B2),C105(B2),C118(B2), C119(B2),C27(C2),C80(A1),	Murata	GRM1555C1H100JZ01E
11	CAP,0402,NPO,15pF, +/- 2%, 50V	2	C25(C2),Ca7(C1)	Darfon	C1005NPO150GGT
12	CAP,0402,NPO,18pF,+/- 2%, 50V	1	C117(C3),	Darfon	C1005NP0180GGT
13	!*CHIP CAP 33pF 50V J 0402	1	C34(C1),Ca4(B1)	Darfon	C1005NPO330JGT
14	!CHIP CAP 47pF 50V J 0402	1	C30(C2),	Murata	GRM1555C1H470JZ01D
15	CAP,0402,NPO,120pF,+/- 5%, 50V	1	C22(B2),	PHYCOMP	2238-869-15121
16	CAP,0402,NPO,100pF,+/- 5%, 50V	2	C32(C2),C26(C2),	Murata	GRM1555C1H101JD01D
17	!*CHIP CAP C 1000P 50V K0402	5	C55(B1), C63(B1),Ca2(B2),C28(C2),C10(B1)	Darfon	C1005X7R102KGT
18	CAP,0603,X7R,22nF,50V	3	C82(A2),C95(A3),C96(A2)	Murata	GRM188R71H223KA01D
19	CAP,0402,X5R,0.1uF,+/- 10%, 10V	10	C72(B2),C73(B3),C54(B1),C50(B1),C75(B3), C93(B3), C98(B2),C37(B2),C56(B1),C14(A1)	Murata	GRP155R61A104KA01E
20	!CHIP CAP 1uF 16V K 0603 X5R	1	C78(A1)	Murata	GRM188R61C105KA12D
21	!CHIP CAP 1UF 6.3V K0402 X5R	6	C5(A1),C79(A1),C36(C2),C29(C2), Ca3(C1),Ca5(B1)	Murata	GRM155R60J105KE19D
22	CAP,0805,X5R,2.2uF, +/- 10%, 10V	2	C89(A2),C71(A3)	TAIYO_YUDEN	CELMK212BJ225KG-T

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23	!CHIP CAP 4.7UF 6.3V 0603 X5R	1	C24(B1)	Murata	GRM188R60J475KE19D
24	!CHIP CAP 10UF 6.3V +- 20% 0603 X5R	3	C99(C2),C100(B1),C31(C2)	Murata	GRM188R60J106M
25	CHIP CAP 47UF M1206 6.3V X5R	5	C69(A2),C70(A1),C77(A2),C81(A1),C35(A2), C33(A1)	1. Murata Taiyo yuden	2. 1. GRM31CR60J476M 2. JMK316BJ476ML-T
26	! Schottky Diode M1FH3	1	D2(A1)	Shindengen	M1FH3
27	LFB2H2G45SG7B734,BAND PASS FILTER,2GHz	1	Fa2(B2)	Murata	LFB2H2G45SG7B734
28	RF_SPEC,BALUN,5GHz	1	F1(B2)	Murata	LDB215G5110C-001
29	DIPLEXER,SMD,6PIN	1	F4(C1),	ACX	DP2012-E2455DAT/LF
30	DIPLEXER,SMD,6PIN	1	Fa3(B1)	NTK	LDTQUQD-3060E
31	RF_SPEC,BAND PASS FILTER,5GHz	1	F7(B2)	Murata	LFB215G37SG8A185
32	SMT MMCX CONN	2	J2(C1),J3(B1)	Inputoutput	M109-700A
33	!IND,0402,1.5nH,+/- 0.1nH	1	L7(B2)	CYNTEC	CML0510-1N5-BN
34	IND,0402,2.7nH,+/- 0.1nH	2	C13(B2),L3(C1)	CYNTEC	CML0510-2N7-BN
35	CHIP IND 2.7NH S 0402	2	La2(C1),La3(B1)	Darfon	HI10052N7ST
36	*CHIP IND 3.3NH S 0402 DARFON	3	L1(C2),L4(C2),L10(B1)	Darfon	HI10053N3ST
37	!IND,0402,4.3nH,+/- 0.1nH	1	L5(B1)	Viking	AL02BT4N3M
38	!Power CHOKE 8.2uH GSSR53P-8R2M	1	L2(A1)	Gotrend	GSSR53P-8R2M
39	! CHIP RES 0 J 1/8W 0805	3	L13(A3),R24(A3),R59(A2),	YAGEO	RC0805JR-070R
40	TRA, SOT-89, PNP General Purpose Amplifier	1	Q3(A2)	CENTRAL SEMI	CXT2907ATR
41	!N-MOS 4A AP2306GN	1	Q5(A1)	Advanced Power	AP2306GN
42	CHIP RES 0 J 1/16W 0402	2	R4(A3),R11(A3),	大毅(TA-I)	RM04JT0R0
43	! CHIP RES 0 J 1/4W 1206	1	R25(A1)	YAGEO	RC1206JR-070RL
44	RES,0603,1 OHM, 5%, 1/10W	1	R40(A2)	YAGEO	RC0402
45	!CHIP RES 10 J 1/16W 0402	2	R67(C2),R68(C2)	TA-I	RM04JTN100
46	!CHIP RES 1M F 1/16W 0402	1	R61(A1)	Yageo	RC0402FR-071M
47	!CHIP RES 110 J 1/16W 0402	1	R46(C2)	Yageo	RC0402JR-07110R
48	!!CHIP RES 10K F1/16W 0402(TA-	4	R1(A3),R15(C3),R17(C3),R69(C2)	TA-I	RM04FTN1002

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49	RES,0402,1.1K OHMS, +/- 1%, 1/16W	2	R18(C2),R63(C2),	1. YAGEO TA-I	2. 1. RC0402FR-071K1L 2. RM04FTN1101
50	RES,0402,1.2K OHMS, +/- 5%, 1/16W	1	Rb2(B2)	Yageo	RC0402JR-071K2
51	IC:CHIP RES 187 F 1/16W 0402	2	R2(A3),R6(A3)	TA-I	RM04FTN1870
52	IC:CHIP RES 16.9 F 1/16W 0402	2	R70(B2),R49(B2)	Yageo	<b>RC0402FR-0716R9L</b>
53	IC:CHIP RES 2.2K J 1/16W 0402	1	Rb5(B2)	TA-I	<b>RM04JTN222</b>
54	IC:CHIP RES 2.7K F 1/16W 0402	1	Rb7(B2)	TA-I	<b>RM04FTN2701</b>
55	IC:CHIP RES 24K J 1/16W 0402		Rb6(C2)	TA-I	<b>RM04JTN243</b>
56	IC:CHIP RES 300 OHMS 1/16W F0402	5	Rb4(B2),R71(B2),R72(B1),Rb3(B2), Rb1(B2)	Yageo	RC0402FR-07300RL
57	IC:CHIP RES 3K OHMS 1/16W J0402	1	R52(B1)	TA-I	RM04JTN302
58	IC:CHIP RES 3M F 1/16W 0402	1	R62(A1)	Yageo	RC0402FR-073ML
59	IC:CHIP RES 43K 1/16W J0402 (YAG	1	R41(B2)	YAGEO	RC0402JR-0743KL
60	<b>IC:CHIP RES 47 J 1/16W 0402</b>	3	R31(B2),R35(B2),R36(B2)	<b>TA-I</b>	<b>1.RM04JTN470</b>
61	<b>IC:CHIP RES 499 F 1/16W 0402</b>	1	R48(C2)	<b>YAGEO</b>	<b>RC0402FR-07499R</b>
62	<b>IC:CHIP RES 4.7K J 1/16W 0402</b>	1	Ra1(B1)	<b>TA-I</b>	<b>RM04JTN472</b>
63	<b>IC:CHIP RES 47K J 1/16W 0402</b>	1	R60(A1)	<b>TA-I</b>	<b>RM04JTN473</b>
64	<b>*IC:CHIP RES 56K J 1/16W 0402</b>	1	R45(B2),	<b>TA-I</b>	<b>RM04JTN563</b>
65	<b>IC:CHIP RES 60.4 F 1/16W 0402</b>	1	R47(C2)	<b>YAGEO</b>	<b>RC0402FR-0760R4</b>
66	CHIP RES 6.19K F 1/16W 0402	1	R42(B2)	YAGEO	RC0402FR-076K19L
67	RF_SPEC,SWI,DPDT Diversity	1	S1(C1)	Hexawave	HWS415
68	AR5414A-B2B, BGA, A/B/G, ANALOG AND DIGITAL	1	U1(B2)	ATHEROS	AR5414A-B2B
69	! Setp up DC/DC convertor RT9266PE	1	U2(A1)	Richtek	RT9266PE
70	IC,TSSOP8,Serial 32Kbit EEPROM	1	U3(C3)	ST MICROELECTRONICS	M24C32WDW
71	802.11 MMIC LNA XM2458LA-BL1301	1	U4(B1)	Murata	XM2458LA-BL1301
72	5GHz MMIC PA LX5530	1	U6(C2)	Microsemi	LX5530-LQTR
73	2.4Ghz PA RFIC AP1046	1	U7(B1)	RFIC	AP1046

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74	40MHZ XTAL FY4000015 -40~85 DEGREES C	1	Y1(C2)	eCERA	FY4000015
75	Shileding Cover	1	location : C1		
76	3.2mm shiedling frame	1	location : C1		
77	screw	2			
78					
79	heat sink	1			
5	IC	1	U5(A3)		