

Bill of Materials

TI DESIGNS

Part #: TI CC3000 Evaluation Module

Literature #: TIDR159

DESIGNATOR	QUANTITY	DESCRIPTION	MANUFACTURER	PART NUMBER	ALTERNATIVE MANUFACTURER	ALTERNATIVE PART NUMBER
U1	1	TI CC3000 WiFi b/g Module (BM)	Jorjin	WG1300-00		WG1300-00
ANT1	1	ANT / 2.4GHZ / Peak Gain 2.5DB	ACX	23.101150.0F		AT8010-E2R9HAA
J1	1	Mini RF Header Receptacle	Hirose	11.101001.I2		U.FL-R-SMT-1(10)
J2	1	CON Male 1x3 / Pitch 2.0 mm	Cherng Weei Technology Corp.	09.220034.14		P301-SGP-040/028-03
J3	1	CON Male 1x2 / Pitch 2.0 mm	Cherng Weei Technology Corp.	09.220024.14		P301-SGP-040/028-02
J6, J7	2	Female Header / Fool Proof H:4.3 / 2x10 / Pitch 1.27mm / SMT	Cherng Weei Technology Corp.	09.352101.14		F614-MGN-D048-20
(J2_2-3, J3)	2	DC JUMPER / 2.0MM PITCH	Cherng Weei Technology Corp.	09.080023.14		CMJ-20BB
L2	1	IND 0402 / 2.2nH / $\pm 0.3nH$ / 0.16ohm / 300mA	ACX	08.022E20.2F		HI1005-1C2N2SMT
C1	1	CAP 0402 / 2.2pF / 50V / NPO / $\pm 0.25pF$	Walsin	02.F22E20.7B		0402N2R2C500LT
C2	2	CAP 0402 / 10pF / 50V / NPO / $\pm 5\%$	Walsin	02.F20100.2B		0402N100J500LT
C4, C5	2	CAP 0402 / 1uF / X5R / 6.3V / $\pm 10\%$ / HF	Murata	02.620105.3A		GRM155R60J105KE19D
R1, R2, R3, R4, R5, R6, R8, R9, R10, R11, R13, R15, R16, R17, R18, R19, R20, R21	18	RES 0402 / 0R / Jumper	Walsin	12.020000.2B		WR04X000 PTL
R14	1	RES 0603 / 0R / Jumper	Walsin	12.030000.2B		WR06X000 PTL
	1	PCB WG1300E00 D01 / Layer 4 / FR4 (6pcs/1PNL)	Yaoxin Electronics Corp.	01.022101.B7		

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