

TRX-310 BOM

系通科技股份有限公司

多階材料用量清單

建立日期: 至

修改日期: 至

階次	品名	單位	插件位置 1
序號	規格	組成用量	插件位置 2
1109709001	TRX-310 MMDS Transceiver	SET	
	Tx=704~716MHz,Rx=734~746MHz		0
.1	UNIT ASSY. TRX-310	EA	
0010			1
..2	SUB ASSY. TRX-310	EA	
0010			1
...3	SUB ASSY. SMD TRX-310	EA	
0010			1
....4	New Parts	EA	
0010			1
....4	High Linearity InGap HBT Amp.,1W	EA	U2
0030	(無鉛), 400-2300MHz power amplifier		1
....4	Transistor SMD	EA	Q7.Q8
0050	(無鉛)SOT23		2
....4	Transistor 2SC3357-T1 SMD NPN	EA	Q1

0060	(無鉛)SOT89		1
....4	Transistor (iDC/PLC)	EA	
0070	(無鉛)Wideband NPN up to 10GHz		0
....4	Transistor SMD NPN	EA	Q2.Q3.Q4.Q9.Q10.U3
0080	(無鉛)SOT23 (R24) 防靜電包裝		6
....4	Transistor FET,Low Noise	EA	Q5.Q6
0085	(無鉛)		2
....4	IC	EA	U5
0090	(無鉛)50MHz to 3.5GHz RF Detector		1
....4	IC SMD	EA	U8
0100	(無鉛)		1
....4	IC , High	EA	U4
0110	(無鉛)		1
....4	IC	EA	U7
0120	(無鉛)6/12 補		1
....4	IC SMD SO-8	EA	U6
0130	500ma LDO Regulator		1
....4	DIODE SMD	EA	D2
0140	(無鉛)20V to 100V, 1.0A		1
....4	DIODE SMD SOD-323	EA	D4
0150	(無鉛)Silicon Variable Cap.		1
....4	DIODE(INBAND,ASPEC	EA	D1.D3
0160	(無鉛)M4		2

....4	MIXER SMD 3.5G	EA	U10
0170	(無鉛)		1
....4	BIPOLAR DIGITAL	EA	U9
0180	(無鉛)		1
....4	CAP. 0.5pF/50V ±0.25pF 0603	EA	C44
0210	(無鉛)COG (TDK)		1
....4	CAP. 0.75PF/50V ±0.25PF 0603	EA	C66.C70
0220	(無鉛)		2
....4	CAP. 1pF/50V ±0.25pF 0603	EA	C58.C63.C81.C95
0230	(無鉛)TDK		4
....4	CAP. 2pF/50V ±0.25pF 0603	EA	C67.C69
0240	(無鉛)		2
....4	CAP. 4pF/50V ±0.25pF 0603	EA	C1.C2.C16.C26.C34.C42.C135.C102
0250	(無鉛) NPO		8
....4	CAP. 5pF/50V ±0.25pF 0603	EA	C10.C65.C78.C79.C90.C92.C134
0260	(無鉛)NPO		7
....4	CAP. 6pF/50V ±0.25pF 0603	EA	C49.C50.C71.
0270	(無鉛)NPO		3
....4	CAP. 8pF/50V ±0.25pF 0603	EA	C136
0280	(無鉛) NPO		1
....4	CAP. 9pF/50V ±0.5pF 0603 CH (NPO)	EA	C47.C68
0290	(無鉛)WCS/HRX-200/		2
....4	CAP. 10pF/50V ±0.25pF 0603	EA	C4.C45.C48.C82.C94.C121

0300	(無鉛)COG		6
....4	CAP. TRIMMER 3-10PF SMD	EA	C120
0310	(無鉛) VC03RSM10		1
....4	CAP. 100pF/50V ±5% 0603	EA	
0320	(無鉛)NPO 24000-20101		17 C11.C13.C19.C21.C28.C31.C37.C39.C53.C83.C87.C99.C106.C116.C133.C104.C105
....4	CAP. 1000pF/50V ±10% 0603	EA	C5.C7.C14.C20.C23.C29.C30.C40.C52.C54.C75.C76.C77.C80.C85.C89.C91.C93.
0330	(無鉛)X7R		21 C109.C130.C131
....4	CAP. 0.01uF/50V ±10% 0603	EA	C100.C119
0340	(無鉛)X7R		2
....4	CAP. 0.1uF/50V +80% -20% 0603	EA	C12.C17.C18.C22.C27.C32.C35.C38.C43.C46.C55.C57.C60.C73.C74.C86.C97.C98.
0350	(無鉛)Y5V(AIDC+,In Band TRX)		31 C107.C108.C114.C117.C122.C123.C124.C125.C126.C127.C128.C129.C137
....4	CAP. 1uF/16V ±10% 1206	EA	C132
0360	(無鉛)X5R (X7R)		1
....4	CAP. TAN. 10uF/35V ±20%	EA	C113
0370	(無鉛)D Cases P212024		1
....4	CAP. 10uF/10V +80 -20% 1206	EA	C24.C118
0380	(無鉛)Y5V (TDK)		2
....4	CAP. 10uF/50V +80 -20% 1812	EA	C36.C64
0390	(無鉛)TDK Y5V C4532Y5V1H106ZT		2
....4	CAP. TAN. 100uF/10V D Cases	EA	C96.C110.C112
0400	(無鉛)LOW ESR		3

....4	CAP. 22pF/50V ±5% 0603 NPO	EA	C8.C72.C84
0410	(無鉛)		3
....4	CAP. TAN 22uF/10V ±20%	EA	C6.C88.C111
0420	AVX TAJA226M010RNJ		3
....4	CAP. 33pF/50V ±5% 0603	EA	C15.C25.C33.C41.C56.C61. C138
0430	(無鉛)24000-20330		6
....4	CAP. 3300pF/50V 10% 0603	EA	C115
0440	(無鉛)		1
....4	CAP. 39pF/50V ±5% 0603	EA	C9
0450	(無鉛)		1
....4	CAP. 68pF/50V ±5% 0603	EA	C3.C62
0460	(無鉛)		2
....4	RES. 0Ω 1/10W ±5% 0603	EA	R65. R98.R99
0470	(無鉛)		3
....4	RES. 10Ω 1/10W ±5% 0603	EA	R15.R25R.35R.42.R49.R50.R96
0480	(無鉛)20000-10100		7
....4	RES. 18Ω 1/10W +5% 0603	EA	R81
0490	(無鉛)		1
....4	RES. 22Ω 1/10W ±5% 0603	EA	R1.R14.R24.R57.R59
0500	(無鉛)(配電阻)		5
....4	RES. 24Ω 1/10W ±5% 0603	EA	R4.R34
0510	(無鉛)		2
....4	RES. 3.3Ω 1/10W ±5% 0603	EA	R10.R19.R29.R39.R97. R100

0520	(無鉛)		6
....4	RES. 33Ω 1/10W ±5% 0603	EA	R89
0530	(無鉛)(配電阻)		1
....4	RES. 39Ω 1/10W ±5% 0603	EA	R12.R21.R33
0540	(無鉛)(配電阻)		3
....4	RES. NTC 40Ω ±5% 0603	EA	R30
0550	(無鉛)Thermistors -40 +125 (10/18 打 XRF ok)		1
....4	RES. 5.6Ω 1/10W ±5% 0603	EA	R6
0560	(無鉛)		1
....4	RES. 51Ω 1/10W ±5% 0603	EA	R5.R61
0570	(無鉛)		2
....4	RES. 56Ω 1/10W ±5% 0603	EA	R54
0580	(無鉛)20000-10560(AIDC&配電阻/WCS)		1
....4	RES. 68Ω 1/10W ±5% 0603	EA	R44
0590	(無鉛)		1
....4	RES. 75Ω 1/10W ±5% 0603	EA	R48.R92
0600	(無鉛)		2
....4	RES. 82Ω 1/10W ±5% 0603	EA	R85
0620	(無鉛)(配電阻)		1
....4	RES. 100Ω 1/10W ±5% 0603	EA	R56.R90.R91
0630	(無鉛)		3
....4	RES. 100Ω 1/8W ±5% 0805	EA	R23(add)
	(無鉛)(配電阻)		1

....4	RES. 1k Ω 1/10W $\pm$ 5% 0603	EA	R80.R86
0640	(無鉛)20000-10102		2
....4	RES. VAR. 10k Ω 3314G-1-103E	EA	R70
0650	(無鉛)SMD		1
....4	RES. 10k Ω 1/10W $\pm$ 5% 0603	EA	R51.R60.R72.R74.R78
0660	(無鉛)20000-10103		5
....4	RES. 100k Ω 1/10W $\pm$ 5% 0603	EA	R79
0670	(無鉛)		1
....4	RES. 120 Ω 1/10W $\pm$ 5% 0603	EA	R46.R53.R55
0680	(無鉛)		3
....4	RES. 1.2k Ω 1/10W $\pm$ 5% 0603	EA	R83
0690	(無鉛)		1
....4	RES. 12k Ω 1/10W $\pm$ 5% 0603	EA	R67
0700	(無鉛)		1
....4	RES. 150 Ω 1/10W $\pm$ 5% 0603	EA	R11.R13.R20.R22.R47
0710	(無鉛)		5
....4	RES. 1.5k Ω 1/10W $\pm$ 5% 0603	EA	R8.R17.R27.R36.R94
0720	(無鉛)20000-10152		5
....4	RES. 1.8k Ω 1/10W $\pm$ 5% 0603	EA	R63
0730	(無鉛)		1
....4	RES. 2.2k Ω 1/10W $\pm$ 5% 0603	EA	R58.R87.R88
0740	(無鉛)		3
....4	RES. 270 Ω 1/10W $\pm$ 5% 0603	EA	R31.R32

0750	(無鉛)		2
....4	RES. 2.7k Ω 1/10W $\pm$ 5% 0603	EA	R52
0760	(無鉛)		1
....4	RES. 300 Ω 1/8W $\pm$ 5% 0805	EA	R68
0765	(無鉛)A-3031AV/NSII		1
....4	RES. 300 Ω 1/10W $\pm$ 5% 0603	EA	R3
0770	(無鉛)		1
....4	RES. 330k Ω 1/10W $\pm$ 5% 0603	EA	R73
0780	(無鉛)		1
....4	RES. 3.6k Ω 1/10W $\pm$ 5% 0603	EA	R7.R16.R26.R38.R95
0790	(無鉛)		5
....4	RES. 3.9k Ω 1/10W $\pm$ 5% 0603	EA	R66
0800	(無鉛)		1
....4	RES. 39k Ω 1/10W $\pm$ 5% 0603	EA	R71
0810	(無鉛)		1
....4	RES. 430 Ω 1/10W $\pm$ 5% 0603	EA	R75.R76
0820	(無鉛)		2
....4	RES. 470 Ω 1/10W $\pm$ 5% 0603	EA	R69.R84
0830	(無鉛)		2
....4	RES. 470 Ω 1/8W $\pm$ 5% 0805	EA	R2
0840	(無鉛)		1
....4	RES. 51k Ω 1/10W $\pm$ 5% 0603	EA	R62.R64
0850	(無鉛)		2

....4	RES. 5.6k Ω 1/10W $\pm$ 5% 0603	EA	R82
0860	(無鉛)		1
....4	RES. 680 Ω 1/10W $\pm$ 5% 0603	EA	R9.R18.R28.R37.R93
0870	(無鉛)		5
....4	RES. 6.8k Ω 1/10W $\pm$ 5% 0603	EA	R77
0875	(無鉛)		1
....4	Inductor 3.3nH $\pm$ 10% 0805 Q-LINK	EA	L1
0880	(無鉛)-40 ~ +125 (PLC 系列)		1
....4	Inductor 5.6nH $\pm$ 5% 0805	EA	L4.L6.L8.L11.L20.L21.L22.L23.L25.L29.L43
0890	(無鉛)Q-LINK -40 to +125		11
....4	Inductor 8.2nH $\pm$ 10% 0805	EA	L5.L7.L10.L36.L40.L42
0895	(無鉛)Q-LINK -40 to +125		6
....4	Inductor 100nH $\pm$ 5% 0805	EA	L32
0900	Q-LINK -40 to +125		1
....4	Inductor 12nH $\pm$ 10% 0805	EA	L3.L19
0910	(無鉛)Q-LINK -40 to +125		2
....4	Inductor 15nH $\pm$ 5% 0805	EA	L39.L41
0920	(無鉛)Q-LINK		2
....4	Inductor 180nH $\pm$ 5% 0805	EA	L14.L17
0930	(無鉛)Q-LINK -40 to + 125		2
....4	Inductor 22nH $\pm$ 5% 0805	EA	L24.L26.L31
0940	(無鉛)Q-LINK -40 to +125		3
....4	CHEOKE 22uH 10% SI65-220PF SMD	EA	L9.L18.L27.L28.L33.L34.L35

0950	(無鉛)		7
....4	Inductor 33nH ±5% 1008	EA	L2.L16
0960	TRX-310		2
....4	Inductor 68nH ±5% 0805	EA	L13.L30
0970	(無鉛)Q-LINK -40 to +125		2
....4	Inductor 680nH ±5% 0805	EA	L37.L38
0980	(無鉛)Q-LINK -40 to +125		2
....4	SAW Filter 710MHz	EA	F1.F2
1000	(無鉛)TA881A		2
....4	Duplexer,710/740	EA	U1
1005	(無鉛)		1
....4	SAW Filter 740MHz	EA	F3
1010	(無鉛)TA882A		1
...3	CRYSTAL,10.53125MHz,±20PPM,20pF	EA	Y1
0020	(無鉛)		1
...3	Inductor CHOKE 10uH CR415*100K	EA	L12
0030	(無鉛)DIP(2-WAY/NSII)		1
...3	VARISTOR CNR-07D330K	EA	L15
0050	(無鉛)		1
...3	Gas Discharge Tube C8G470L	EA	G1
0060	(無鉛)		1
...3	UHF/IN BAND/3.7G SHIELDING BOX	EA	
0070	(無鉛-符合 RoHS)		2

...3	UHF/IN BAND/3.7G SHIELDING COV	EA	
0080	(無鉛-符合 RoHS)		2
...3	EMI GASKET (9*4.5*25L)	EA	
0090			2
..2	TRX-310 HOUSING	EA	
0020			1
..2	TRX-310 COVER	EA	
0030			1
..2	PROTECTION MDC-0231 F CONNECTO	EA	
0040	(無鉛-符合 RoHS)		2
..2	UDC O-RING	EA	
0050	HRX-200/UDC		1
..2	SCREW FH M3*0.5*10 STAINLESS	EA	
0060	HRX-200/UDC		10
	SCREW PH M3*0.5*6 +FLAT& SPRING		
..2	WASHER	EA	
0070	(無鉛 符合 RoHS)CARBON/NI 2-WAY*10		10
..2	CON. F-TYPE (F1106839 B 版)	EA	
0080	(無鉛)後製程加防水膠		2
..2	Model Label,TRX-310	EA	
0090	(無鉛)		1
.1	PACKAGE for TRX-310	EA	
0030			1

..2	MOUNT BRACKET	EA	
0010			2
..2	WING BOLT M8*1.25*65 五彩鍍鋅	EA	
0020	(無鉛-符合 RoHS)SIDC 系列專用		4
..2	PE BAG (300*140*0.06t)	EA	
0030	HRX-200		1
..2	PE BAG (185*65*0.06t)	EA	
0040	HRX-200		1
..2	CARTON 系通藍色 PANTONE 5473U	EA	
0050	380*344*268		0.1
..2	INNER BOX	EA	
0060	(無鉛)		1
..2	PARTITION	EA	
0070	(無鉛)		1
.1	MANUAL TRX-310	EA	
0040	(無鉛)		1
.1	PE BAG (120*95*0.06t)	EA	
0050			1