

BT-359 PCB V2.0

項目	數量	位置	品規
001	1	SMT-ANT1	Antenna Part : LTA-5824-2G4H2-A1 , for BT-318
002	1	SMT-C45	C-1P (0402 , NPO , 50V , $\pm 0.25\text{pF}$)
003	2	SMT-C1,C47	C-3P (0402 , NPO , 50V , $\pm 0.25\text{pF}$)
004	1	SMT-C39	C-18P (0402 , NP0 , 50V , $\pm 5\%$)
005	1	SMT-C46	C-22P (0402 , NP0 , 50V , $\pm 5\%$)
006	1	SMT-C42	C-24P (0402 , NPO , 50V , $\pm 5\%$)
007	1	SMT-C38	C-33P (0402 , NP0 , 50V , $\pm 5\%$)
008	2	SMT-C44,C32	C-100P (0402 , NP0 , 50V , $\pm 5\%$)
009	1	SMT-C8	C-220P (0402 , NP0 , 50V , $\pm 5\%$)
010	1	SMT-C41	C-330P (0402 , NP0 , 50V , $\pm 5\%$)
011	1	SMT-C35	C-470P (0402 , NP0 , 50V , $\pm 5\%$)
012	5	SMT-C31,C36,C37,C48,C27	C-102=1000P=1N (0402 , X7R , 50V , $\pm 10\%$)
013	9	SMT-C22,C25,C26,C28,C29,C33,C40,C43,C5	C-103=10N (0402 , X7R , 25V , $\pm 10\%$)
014	1	SMT-C14	C-333=33N (0402 , X7R , 16V , $\pm 10\%$)
015	2	SMT-C4,C13	C-104= 100N=0.1U (0402 , X7R , 16V , $\pm 10\%$)
016	2	SMT-C18,C19	C=474=470N=0.47U (0402 , X5R , 6.3V , $\pm 10\%$)
017	1	SMT-C20	C-105=1U (0603 , Y5V , 16V , +80%/-20%)
018	6	SMT-C24,C50,C17,C16,C15,C30	C-2U2F (0603 , Y5V , 10V , +80%/-20%)
019	4	SMT-C3,C6,C11,C12	C-106=10U (1206 , Y5V , 10V , +80%/-20%) (t=1.15mm)
020	1	SMT-C7	C-22U (1206 , Y5V , 10V , +80%/-20%)
021	2	SMT-L3,L5	CHIP BEAD : L-BEAD_300R (0603 $\pm 25\%$)
022	1	SMT-L4	L-6u8H/1A SMD , $\pm 20\%$, PC0302-6R8M-F , DCR:0.3 Ω , IDC:1A , 精業
023	1	SMT-L6	L-6n8H (0402 $\pm 5\%$)
024	1	SMT-L8	L-5n6H (0402 $\pm 5\%$)
025	1	SMT-RN1	RN-10K Ω _4B , 0402 , 8P4R
026	9	SMT-R68,R50,C9,C5,R16,R27,R69,R66,R52	R-0 Ω (0402 $\pm 5\%$)
027	1	SMT-R49	R-100 Ω (0402 $\pm 5\%$)
028	5	SMT-R7,R55,R4,R8,R6	R-270 Ω (0402 $\pm 5\%$)
029	1	SMT-R57	R-510 Ω (0402 $\pm 5\%$)
030	1	SMT-R46	R-560 Ω (0402 $\pm 5\%$)
031	5	SMT-R3,R21,R29,R35,R67	R-1K (0402 $\pm 5\%$)
032	10	SMT-R5,R9,R15,R19,R48,R53,R54,R58,R62,R64	R-10K (0402 $\pm 5\%$)
033	1	SMT-R56	R-15K (0402 $\pm 5\%$)
034	7	SMT-R1,R2,R10,R28,R30,R33,R45	R-47K (0402 $\pm 5\%$)

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035	8	SMT-R11,R12,R36R47,R59,R60,R65,R51	R-100K (0402 ±5%)
036	1	SMT-R34	R-150K (0402 ±5%)
037	1	SMT-R26	R-1K (0402 ±1%)
038	1	SMT-R17	R-2K (0402 ±1%)
039	1	SMT-R24	R-100K (0402 ±1%)
040	1	SMT-R20	R-232K (0402 ±1%)
041	1	SMT-R23	R-200K (0402 ±1%)
042	1	SMT-R14	R-150K (0402 ±1%)
043	1	SMT-R13	R-680K (0402 ±1%)
046	2	SMT-D1,D8	Diode : Switching Diode : 1SS355TE , High Speed Switching Diode , 1SS355TE-17 , SOD-323 , GT-703
047	1	SMT-D2	LED : Yellow Green 超亮黃綠色 0603 T=0.8m/m , for BT-BOARD/GT-703
048	1	SMT-D3	LED : Super Blue 超亮藍光 0603 T=0.6m/m , for BT-308/BTH-808/GT-703
049	1	SMT-D4	LED : Dual Hyper Red & Super Yellow 超亮雙色 1206 (2.7*3.2*1.1m/m) , for GT-703
050	1	SMT-D5	Diode : Schottky Barrier Diodes , M1 , DO-214AC , 廠牌 : WILLAS
051	1	SMT-D6	Diode : Schottky Barrier Diodes , MBRM130 , for GC-701/GC-701S小板
052	1	SMT-D15	Diode : Schottky Barrier Diodes , RB050L-40TE25 SOD-106 3A40V , 廠牌 : ROHM , for GT-703
053	2	SMT-D12,D13	Diode : BAT54WS , Surface Mount Schottky Barrier Diode , SOD-323
054	1	SMT-D14	Diode : 1SMA5920BT3G
055	1	SMT-D16	Diode : Schottky Barrier Diode , RB715F , SOT-323
056	1	SMT-M1	BTM-002(BT-328)
057	1	SMT-Q1	Transistor : AP2301GN SOT-23 , P-Channel Enhancement Mode Power MOSFET , 廠牌 : APEC
058	3	SMT-Q3,Q5,Q7	Transistor : 2SC2412K , SMT3/SC-59 , General Purpose Transistor (50V, 0.15A)
059	1	SMT-Q4	Transistor : AP2303GN SOT-23 , P-Channel Enhancement Mode Power MOSFET
060	2	SMT-Q9	BGA428 MMIC LNA
061	1	SMT-SW1	Tact Switch SMD , Part No : DJT-1187 for TR-101
062	2	SMT-U1	Regulator : E-L6926013TR , High Efficiency Monolithic Synchronous , MSOP8 , Step Down Regulator , 廠牌 : ST
063	1	SMT-U3	Voltage Detector IC : XC61CN2002MRN V/D N-CH 2.0V SOT-23
064	1	SMT-U4	鋰電池充電 IC : NCP1835MN20R2G , Integrated Li-Ion Charger , 廠牌 : ON SEMI
065	1	SMT-U6	Voltage Detector IC : S80923CLMC-G6T-T2G
066	1	SMT-U7	Voltage Regulator IC : 1V5 , USP-6B , XC6206P152DRN , 製造商:TOREX
067	1	SMT-U8	Sing Chipset , GSC3f-7879 , 16-bit , 140-pin , BGA , Lead-Free , Embedded Flash , SiRF Star III (內含 Flash)
068	1	SMT-U9	Reset IC : Active Low Reset 3-Pin , 2.32V , SOT-23 , CAT809ZTBI-T , CATALYST

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069	1	SMT-U12	Regulators IC : 2V85 , USP-6B , CMOS LDO Regulator XC6209B28ADRN
070	1	SMT-U11	Transistor : UMC3N-TR Transistor,digital, dual, PNP and NPN, with 2 resistors
071	1	SMT-U10	Regulators IC : 2V85 , USP-6B , CMOS LDO Regulator XC6209D28ADRN
072	1	SMT-Y1	XTAL : 32.768 KHz , SMD , 12.5PF+-20ppm(MC-146)
073	1	SMT-Y2	Oscillator : 24.5535 MHz , SMD 5.0*3.2*1.87mm , 11PF/0.5PPM , IT5305BE TX4169
074	1	SMT-BPF1	Saw Filter : 1.57542GHz SMT 856308
075	1	SMT-CON5	Connector : MINI USB 5PIN SMT, Part no.MUBQ-05F1-NNM1-0Q ,USB 1.1,無鉛
076	1	SMT-RPS	Poly Switch : SL-mSMD110 , 1.1A/6V SMD , 4.73*3.41*0.65mm , for BT BOARD/GC-701/GC-701S主板/GT-703
077	1	PCB	PCB : GS-EB-BT359-01-V2.0
078	4	DIP	電池簧片 磷青銅 for BT-606/BT-359
79	1	SMT-Q2	2SD2142K

後焊件

001	1		SHIELD-BT606-GPS_POWER-01-V1
002	1		SHIELD-BT606-GPS_CHIP-01-V1
003	1		SHIELD-BT606-BLUETOOTH-01-V1
004	1		SHIELD-BT606-GPS_ANT-01-V1
005	1	DIP-ANT2	Antenna 1582 25*25*2 pin 2mm

核准：

審核：

製表：