

Model No.: UB-11721EE

TXIN

RXIN

TXOUT

RXOUT

25MHz

R16

C14

C15

33pF

22pF

10/1M

0.01uF/2KV

C16

0.1uF

C17

15pF

R6

50

R7

50

C18

15pF

TX+

TX-

RX+

RX-

N/C

N/C

N/C

N/C

N/C

N/C

RD+

RD-

CT

FRX+

FRX-

FTX+

CMT

FTX-

TX+

TX-

RX+

RX-

NG-A

NG-B

GND-A

GND-B

GND-1

GND-2

GND-3

GND-4

GND-5

GND-6

GND-7

GND-8

GND-9

GND-10

GND-11

GND-12

GND-13

GND-14

GND-15

GND-16

GND-17

GND-18

GND-19

GND-20

GND-21

GND-22

GND-23

GND-24

GND-25

GND-26

GND-27

GND-28

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GND-30

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GND-40

GND-41

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GND-44

GND-45

GND-46

GND-47

GND-48

GND-49

GND-50

GND-51

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GND-70

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GND-73

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GND-75

GND-76

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GND-79

GND-80

GND-81

GND-82

GND-83

GND-84

GND-85

GND-86

GND-87

GND-88

GND-89

GND-90

GND-91

GND-92

GND-93

GND-94

GND-95

GND-96

GND-97

GND-98

GND-99

GND-100

FC618SM

RJ8-45

C21

0.1uF

C22

0.01uF/2KV

C23

0.1uF

R12

50

R13

50

R8

75

R9

75

R10

75

R11

75

C19

0.1uF

C20

0.1uF

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R16

C14

C15

33pF

22pF

10/1M

0.01uF/2KV

C16

0.1uF

C17

15pF

R6

50

R7

50

C18

15pF

TX+

TX-

RX+

RX-

N/C

N/C

N/C

N/C

N/C

RD+

RD-

CT

FRX+

FRX-

FTX+

CMT

FTX-

TX+

TX-

RX+

RX-

NG-A

NG-B

GND-A

GND-B

GND-1

GND-2

GND-3

GND-4

GND-5

GND-6

GND-7

GND-8

GND-9

GND-10

GND-11

GND-12

GND-13

GND-14

GND-15

GND-16

GND-17

GND-18

GND-19

GND-20

GND-21

GND-22

GND-23

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GND-80

GND-81

GND-82

GND-83

GND-84

GND-85

GND-86

GND-87

GND-88

GND-89

GND-90

GND-91

GND-92

GND-93

GND-94

GND-95

GND-96

GND-97

GND-98

GND-99

GND-100

FC618SM

RJ8-45

C21

0.1uF

C22

0.01uF/2KV

C23

0.1uF

R12

50

R13

50

R8

75

R9

75

R10

75

R11

75

C19

0.1uF

C20

0.1uF

TXIN

RXIN

TXOUT

RXOUT

25MHz

R16

C14

C15

33pF

22pF

10/1M

0.01uF/2KV

C16

0.1uF

C17

15pF

R6

50

R7

50

C18

15pF

TX+

TX-

RX+

RX-

N/C

N/C

N/C

N/C

N/C

RD+

RD-

CT

FRX+

FRX-

FTX+

CMT

FTX-

TX+

TX-

RX

Model No.: UB-11721EE

U1: RT9167-18A SOT23-5

U2: RT9167-30A SOT23-5

U3: KC8201-J1

U4: NU24LC16B SO-8

U5: L62405CT-ND

U6: P10750CT-ND

R1: 10K/16V/X7R/0603

R2: 10K/16V/X7R/0603

R3: 47K/0603/5%

R4: 47K/0603/5%

R5: 33R/0603/5%

R6: 33R/0603/5%

R7: 47K/0603/5%

R8: 47K/0603/5%

R9: 10K/0603/5%

R10: 10K/0603/5%

R11: 10K/0603/5%

R12: 10K/0603/5%

R13: 10K/0603/5%

R14: 10K/0603/5%

C1: PCC2182CT-ND 10uF 6.3V 0805

C2: PCC2182CT-ND 2.2uF 6.3V 0603

C3: 10uF/16V/X7R/0603

C4: 10uF/16V/X7R/0603

C5: NLC010F/16V/0603

C6: PCC2182CT-ND 10uF 6.3V 0805

C7: 10uF/16V/X7R/0603

C8: 10uF/16V/X7R/0603

C9: 1.5pF/0402

C10: 10uF/10V/A

L1: L/3 5mH/0402

L2: L/3 5mH/0402

L3: L/3 5mH/0402

D1: 1N4148

D2: L62405CT-ND

D3: L62405CT-ND

D4: L62405CT-ND

D5: L62405CT-ND

D6: L62405CT-ND

D7: L62405CT-ND

D8: L62405CT-ND

D9: L62405CT-ND

D10: L62405CT-ND

D11: L62405CT-ND

D12: L62405CT-ND

D13: L62405CT-ND

D14: L62405CT-ND

D15: L62405CT-ND

D16: L62405CT-ND

D17: L62405CT-ND

D18: L62405CT-ND

D19: L62405CT-ND

D20: L62405CT-ND

D21: L62405CT-ND

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D156: L62405CT-ND

D157: L62405CT-ND

D158: L62405CT-ND

D159: L62405CT-ND

D160: L62405CT-ND

D161: L62405CT-ND

D162: L62405CT-ND

D163: L62405CT-ND

D164: L62405CT-ND

D165: L62405CT-ND

Title		
Size B	Number	Revision
Date: 26-Sep-2002	Sheet of	
File: D:\SRI\USB Bluetooth\SCHEM\USB_B0	Drawn By:	