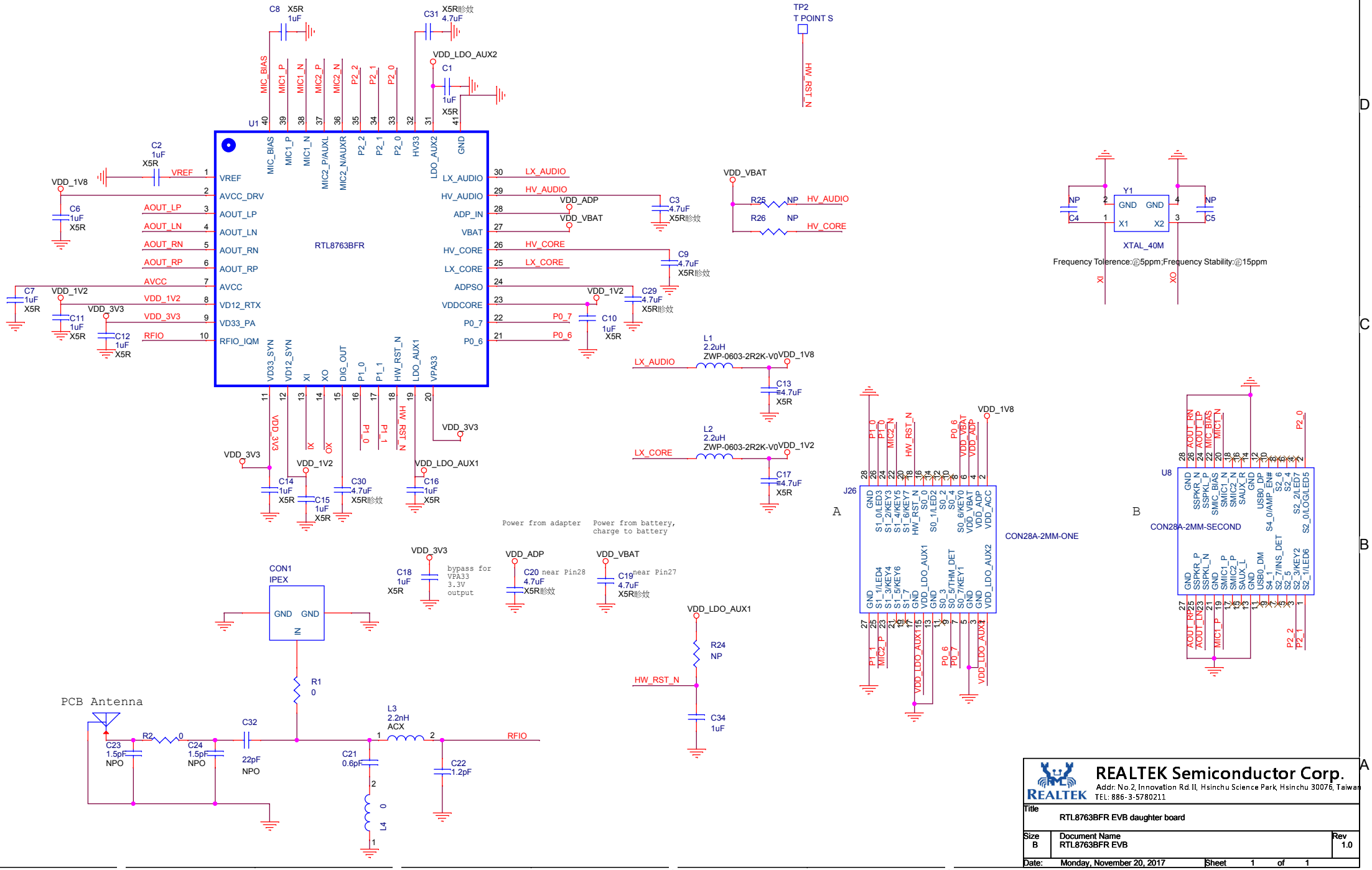
U1
RTL8763BFR
VREF
AVCC_DRV
AOUT_LP
AOUT_LN
AOUT_RN
AOUT_RP
AVCC
VD12_RTX
VD33_PA
RFIO_IQM
LX_AUDIO
HV_AUDIO
ADP_IN
VBAT
HV_CORE
LX_CORE
ADPSO
VDDCORE
P0_7
P0_6
MIC_BIAS
MIC1_P
MIC1_N
MIC2_P
MIC2_N
P2_2
P2_1
P2_0
HV33
LDO_AUX2
GND
MIC2_P/AUXL
MIC2_N/AUXR
VD33_SYN
VD12_SYN
XI
XO
DIG_OUT
P1_0
P1_1
HW_RST_N
LDO_AUX1
VPA33
VDD_3V3
VDD_1V2
VDD_1V8
VDD_LDO_AUX2
VDD_LDO_AUX1
VDD_ADP
VDD_VBAT
TP2
T POINT S
Y1
XTAL_40M
Frequency Tolerence:±5ppm;Frequency Stability:±15ppm
J26
CON28A-2MM-ONE
U8
CON28A-2MM-SECOND
CON1
IPEX
PCB Antenna
Power from adapter
Power from battery, charge to battery
bypass for VPA33 3.3V output
near Pin28
near Pin27
L1 2.2uH ZWP-0603-2R2K-V0
L2 2.2uH ZWP-0603-2R2K-V0
L3 2.2nH ACX
L4 0
R1 0
R2 0
R24 NP
R25 NP
R26 NP
C1 1uF X5R
C2 1uF X5R
C3 4.7uF X5R
C4 NP
C5 NP
C6 1uF X5R
C7 1uF X5R
C8 1uF X5R
C9 4.7uF X5R
C10 1uF X5R
C11 1uF X5R
C12 1uF X5R
C13 4.7uF X5R
C14 1uF X5R
C15 1uF X5R
C16 1uF X5R
C17 4.7uF X5R
C18 1uF X5R
C19 4.7uF X5R
C20 4.7uF X5R
C21 0.6pF
C22 1.2pF
C23 1.5pF NPO
C24 1.5pF NPO
C29 4.7uF X5R
C30 4.7uF X5R
C31 4.7uF X5R
C32 22pF NPO
C34 1uF
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Title
RTL8763BFR EVB daughter board
Size B
Document Name RTL8763BFR EVB
Rev 1.0
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Sheet 1 of 1