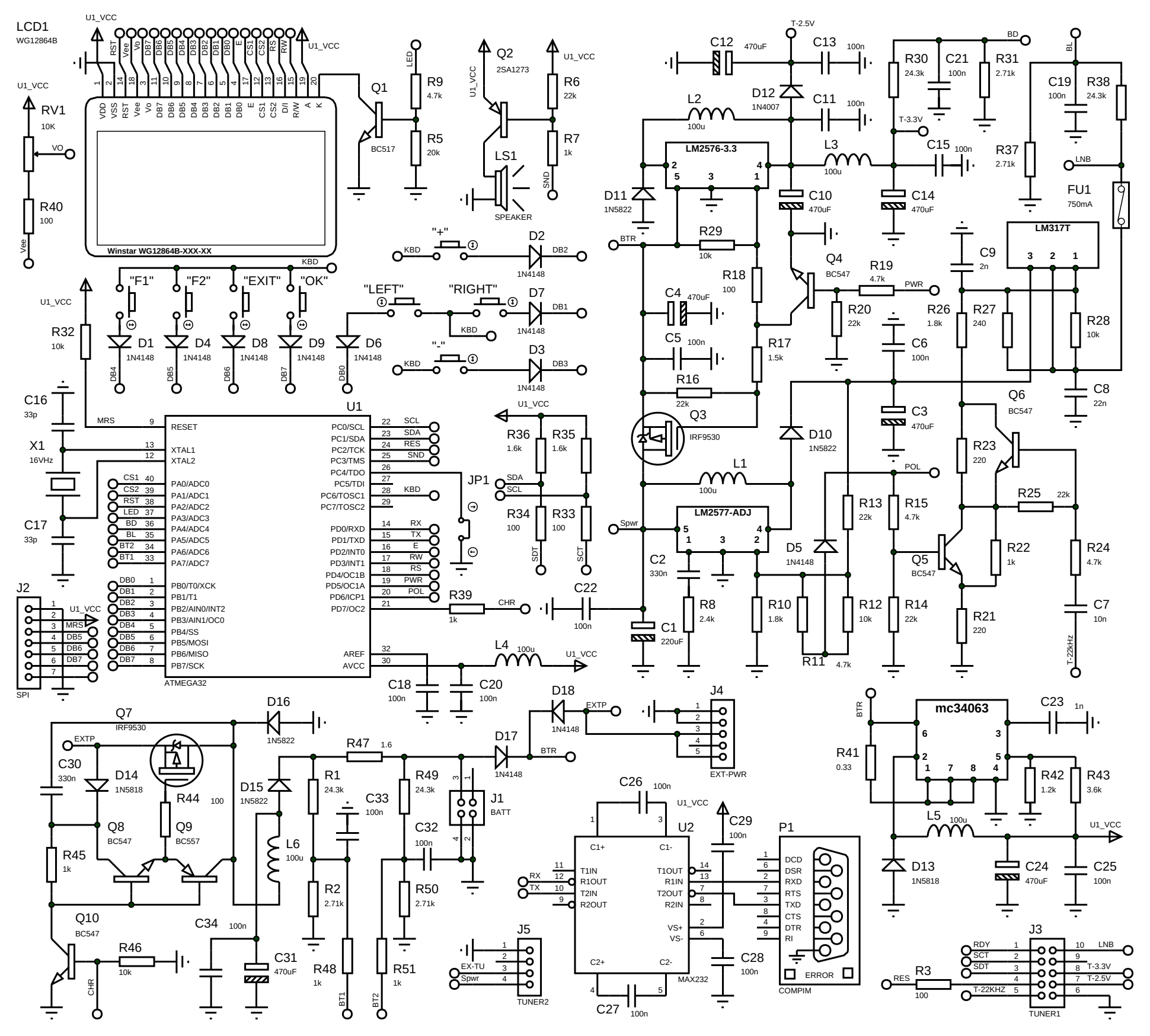
LCD1
WG12864B
Winstar WG12864B-XXX-XX
RV1
10K
R40
100
Q1
BC517
R9
4.7k
R5
20k
Q2
2SA1273
R6
22k
R7
1k
LS1
SPEAKER
R32
10k
D1
D4
D8
D9
D6
D2
D7
D3
1N4148
"F1"
"F2"
"EXIT"
"OK"
"LEFT"
"RIGHT"
"+"
"-"
KBD
U1
ATMEGA32
RESET
XTAL1
XTAL2
PA0/ADC0
PA1/ADC1
PA2/ADC2
PA3/ADC3
PA4/ADC4
PA5/ADC5
PA6/ADC6
PA7/ADC7
PB0/T0/XCK
PB1/T1
PB2/AIN0/INT2
PB3/AIN1/OC0
PB4/SS
PB5/MOSI
PB6/MISO
PB7/SCK
PC0/SCL
PC1/SDA
PC2/TCK
PC3/TMS
PC4/TDO
PC5/TDI
PC6/TOSC1
PC7/TOSC2
PD0/RXD
PD1/TXD
PD2/INT0
PD3/INT1
PD4/OC1B
PD5/OC1A
PD6/ICP1
PD7/OC2
AREF
AVCC
C16
33p
C17
33p
X1
16VHz
C18
100n
C20
100n
C22
100n
L4
100u
R36
1.6k
R35
1.6k
R34
100
R33
100
JP1
R39
1k
CHR
J2
SPI
LM2576-3.3
LM2577-ADJ
LM317T
D11
1N5822
D12
1N4007
D10
1N5822
D5
1N4148
L1
100u
L2
100u
L3
100u
C10
470uF
C11
100n
C12
470uF
C13
100n
C14
470uF
C15
100n
C3
470uF
C4
470uF
C5
100n
C6
100n
C9
2n
C8
22n
R16
22k
R17
1.5k
R18
100
R29
10k
Q3
IRF9530
Q4
BC547
Q5
BC547
Q6
BC547
R19
4.7k
R20
22k
R26
1.8k
R27
240
R28
10k
R23
220
R25
22k
R22
1k
R24
4.7k
C7
10n
R13
22k
R15
4.7k
R10
1.8k
R12
10k
R14
22k
R21
220
R8
2.4k
R11
4.7k
C1
220uF
C2
330n
R30
24.3k
C21
100n
R31
2.71k
R37
2.71k
C19
100n
R38
24.3k
FU1
750mA
T-2.5V
T-3.3V
BD
BL
LNB
PWR
POL
SPWR
BTR
T-22KHz
Q7
IRF9530
D16
1N5822
D17
1N4148
D18
1N4148
D14
1N5818
D15
1N5822
R44
100
Q8
BC547
Q9
BC557
R45
1k
Q10
BC547
R46
10k
C30
330n
C31
470uF
C33
100n
C34
100n
C32
100n
R47
1.6
R1
24.3k
R49
24.3k
R2
2.71k
R50
2.71k
R48
1k
R51
1k
L6
100u
J1
BATT
J4
EXT-PWR
J5
TUNER2
EXTP
EX-TU
SPWR
C26
100n
C27
100n
C28
100n
C29
100n
U2
MAX232
C1+
C1-
C2+
C2-
T1IN
R1OUT
T2IN
R2OUT
T1OUT
R1IN
T2OUT
R2IN
VS+
VS-
RX
TX
P1
COMPIM
DCD
DSR
RXD
RTS
TXD
CTS
DTR
RI
ERROR
mc34063
C23
1n
R41
0.33
R42
1.2k
R43
3.6k
L5
100u
D13
1N5818
C24
470uF
C25
100n
J3
TUNER1
RDY
SCT
SDT
T-22KHZ
LNB
T-3.3V
T-2.5V
R3
100
RES