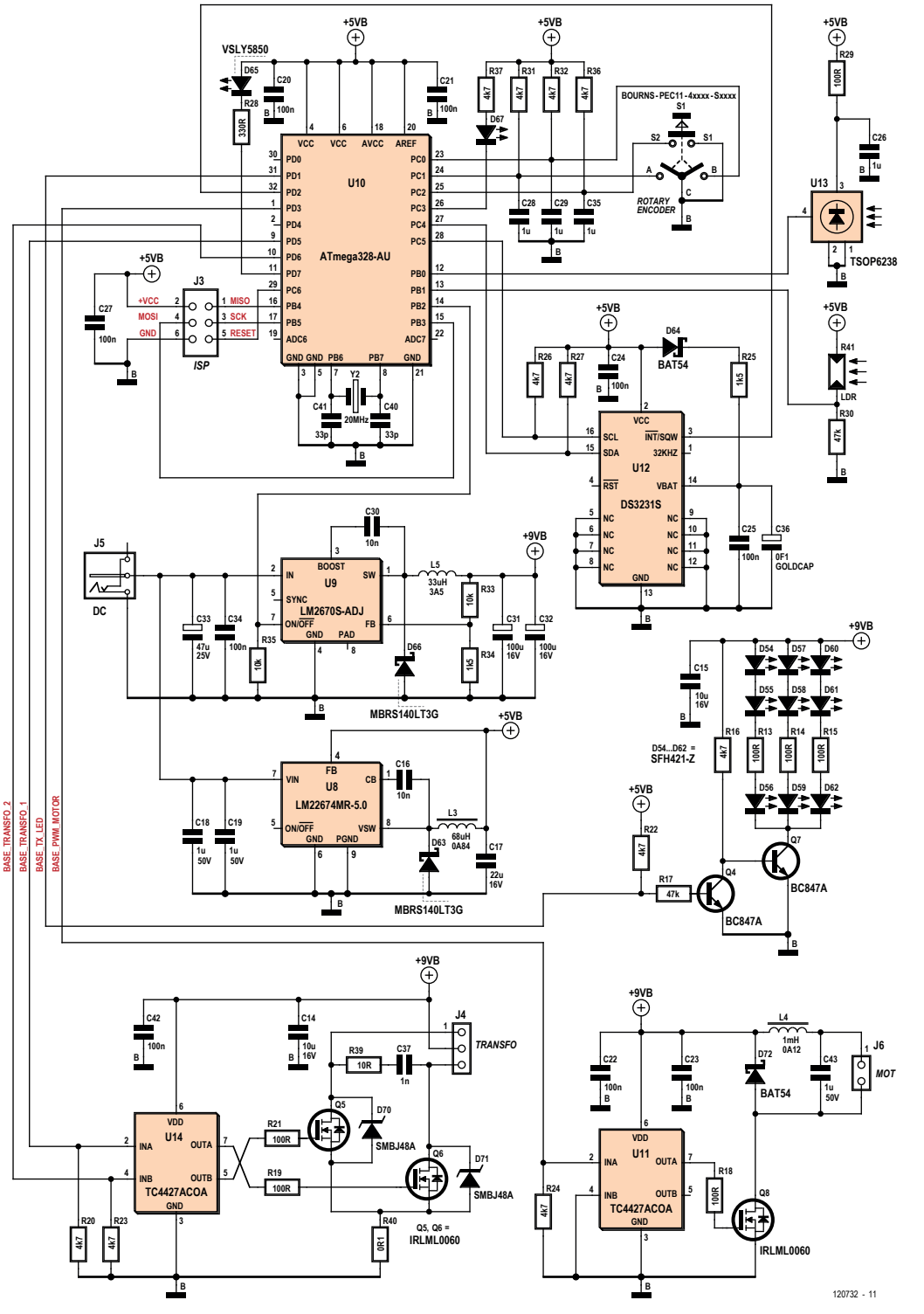

+5VB
VSLY5850
D65
R28
330R
C20
100n
C21
100n
U10
ATmega328-AU
VCC VCC AVCC AREF
PD0 PD1 PD2 PD3 PD4 PD5 PD6 PD7
PC6 PB4 PB5 ADC6
PC0 PC1 PC2 PC3 PC4 PC5
PB0 PB1 PB2 PB3 ADC7
GND GND PB6 PB7 GND
R37 R31 R32 R36
4k7
D67
BOURNS - PEC11 - 4xxxx - Sxxx
S1
S2
A
B
C
ROTARY ENCODER
C28 C29 C35
1u
R29
100R
C26
1u
U13
TSOP6238
J3
+VCC
MOSI
GND
MISO
SCK
RESET
ISP
C27
100n
Y2
20MHz
C41 C40
33p
R41
LDR
R30
47k
D64
BAT54
R26 R27 R25
1k5
C24
U12
DS3231S
SCL SDA RST
INT/SQW 32KHZ VBAT
NC
C25 C36
0F1
GOLDCAP
J5
DC
+9VB
C30
10n
U9
LM2670S-ADJ
BOOST IN SYNC ON/OFF SW FB GND PAD
L5
33uH
3A5
R33
10k
C33
47u
25V
C34
R35
D66
R34
C31 C32
100u
16V
MBRS140LT3G
U8
LM22674MR-5.0
FB VIN ON/OFF CB VSW GND PGND
C16
C18 C19
1u
50V
L3
68uH
0A84
D63
C17
22u
16V
C15
D54...D62 =
SFH421-Z
D54 D57 D60
D55 D58 D61
D56 D59 D62
R16 R13 R14 R15
100R
R22
R17
47k
Q4
BC847A
Q7
BC847A
BASE_TRANSFO_2
BASE_TRANSFO_1
BASE_TX_LED
BASE_PWM_MOTOR
C42
C14
J4
TRANSFO
R39
10R
C37
1n
U14
TC4427ACOA
VDD INA INB OUTA OUTB GND
R21
R19
Q5
Q6
D70
D71
SMBJ48A
R20 R23
R40
0R1
Q5, Q6 =
IRLML0060
L4
1mH
0A12
D72
BAT54
C43
J6
MOT
C22 C23
U11
TC4427ACOA
R24
R18
Q8
IRLML0060
120732 - 11