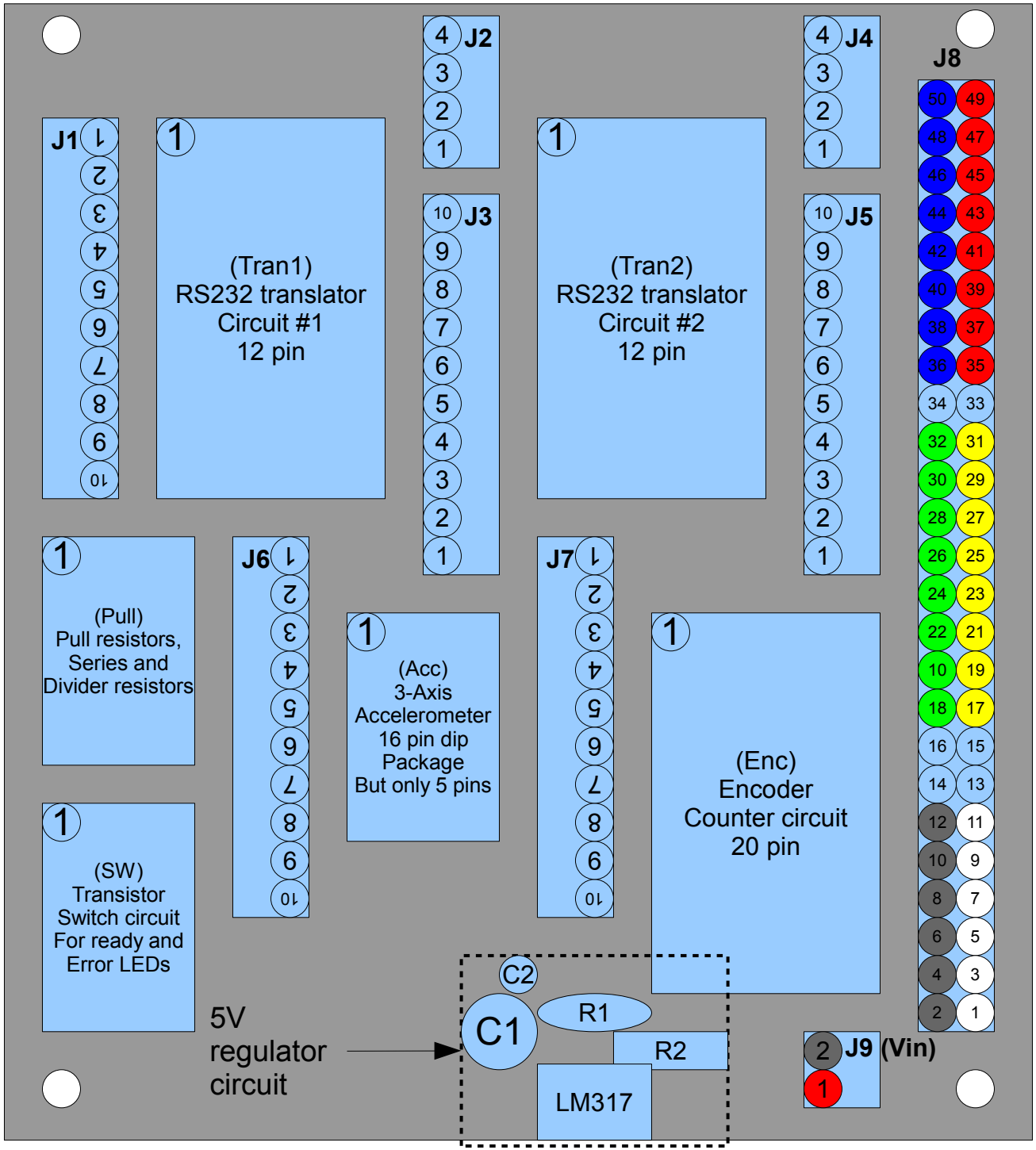
J1
1 2 3 4 5 6 7 8 9 10
(Tran1)
RS232 translator
Circuit #1
12 pin
J2
4 3 2 1
J3
10 9 8 7 6 5 4 3 2 1
(Tran2)
RS232 translator
Circuit #2
12 pin
J4
4 3 2 1
J5
10 9 8 7 6 5 4 3 2 1
J8
50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 10 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1
(Pull)
Pull resistors,
Series and
Divider resistors
J6
1 2 3 4 5 6 7 8 9 10
(Acc)
3-Axis
Accelerometer
16 pin dip
Package
But only 5 pins
J7
1 2 3 4 5 6 7 8 6 10
(Enc)
Encoder
Counter circuit
20 pin
(SW)
Transistor
Switch circuit
For ready and
Error LEDs
5V
regulator
circuit
C2
C1
R1
R2
LM317
2 J9 (Vin)
1