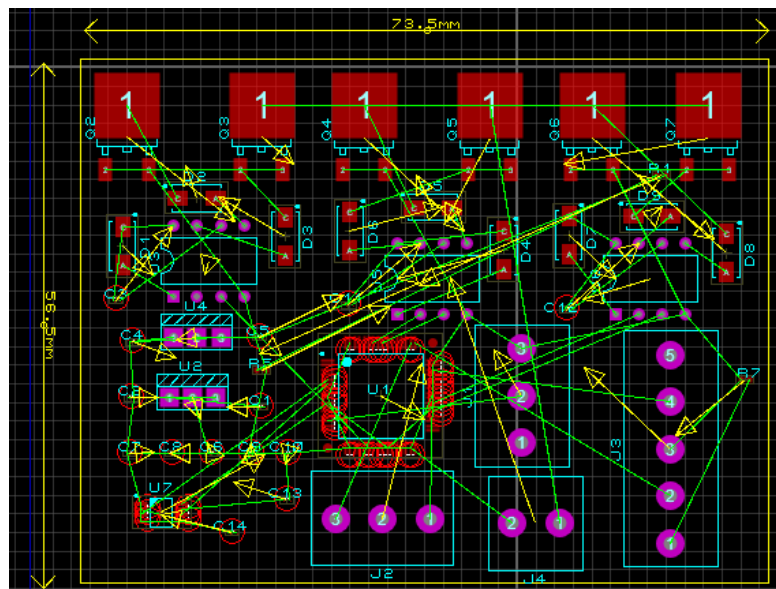


A	B	C	POT	DIR	INTERRUPT
PA6	PB4	PC6 (gl)	PA0	PA2	PA10
PB0	PB6	PC8 (gh)			PA8
PA15					



The pic24 with the same package was used instead of stm32f407vgx

Shortcomings: 3.3v supply inputs of Stm32, osc circuit, 3.3v and 5v connections, Selection of smd-dip diode-capacitor for the drive