

**Pin Configuration for BLHeliSuite Serial Interfaces for Silabs ESC
Arduinio and ATmega to Silabs C2 Interface (V2)**

GND	Common C2 GND Pin	= connect to GND pad on all (1-8) BESC
C2D	Common C2 Data Pin	= connect to C2D pad on all (1-8) BESC
C2CK	1-8 Individual C2 Clock Pin	= connect to C2CK pad on every (1-8) BESC individually

Arduino board general w/o LCD
Arduino UNO w. 4884 LCD Shield
(Not fort Arduino Mega - see below)

BESC	#	Board PIN	MCU Pin	
GND	All	GND	GND	All
C2D	All	D12	PB4 (MISO)	
C2CK	1	D11	PB3 (MOSI)	Multi only
C2CK	2	D10	PB2	
C2CK	3	D9	PB1	
C2CK	4	D8	PB0	
C2CK	5	A2	PC2	
C2CK	6	A3	PC3	
C2CK	7	A4	PC4	
C2CK	8	A5	PC5	

Arduino Nano Multi

BESC	#	Board PIN	MCU Pin	
GND	All	GND	GND	Multi only
C2D	All	D2 *	PD2	
C2CK	1	D3 *	PD3	
C2CK	2	D4 *	PD4	
C2CK	3	D5 *	PD5	
C2CK	4	D6 *	PD6	
C2CK	5	D7 *	PD7	
C2CK	6	D8 *	PB0	
C2CK	7	D9 *	PB1	
C2CK	8	D10 *	PB2	

Arduino UNO w. 1602 LCD Shield

BESC	#	Board PIN	MCU Pin	
GND	All	GND	GND	All
C2D	All	D12	PB4 (MISO)	
C2CK	1	D11	PB3 (MOSI)	Multi only
C2CK	2	D3 *	PD3	
C2CK	3	D2 *	PD2	
C2CK	4	A1	PC1	
C2CK	5	A2	PC2	
C2CK	6	A3	PC3	
C2CK	7	A4	PC4	
C2CK	8	A5	PC5	

Arduino Mega board

BESC	#	Board PIN	MCU Pin	
GND	All	GND	GND	All
C2D	All	D50	PB3 (MISO)	
C2CK	1	D51	PB2 (MOSI)	Multi only
C2CK	2	D49	PL0	
C2CK	3	D48	PL1	
C2CK	4	D47	PL2	
C2CK	5	D46	PL3	
C2CK	6	D45	PL4	
C2CK	7	D44	PL5	
C2CK	8	D43	PL6	

ATMega8 Multi

BESC	#	MCU Pin	
GND	All	GND	Multi only
C2D	All	PB1	
C2CK	1	PB2	
C2CK	2	PB3	
C2CK	3	PB4	
C2CK	4	PB5	
C2CK	5	PC0	
C2CK	6	PC1	
C2CK	7	PC2	
C2CK	8	PC3	

Standard Single Mode Interfaces

BESC	#	MCU Pin
GND		GND
C2D		PB4 (MISO)
C2CK		PB3 (MOSI)

* Fix: Arduino UNO w. 1602 LCD Shield: D2<->D3 was twisted in the last edition

* Fix: Arduino Nano Multi D10...D2<->D2...D10 was twisted in the former edition