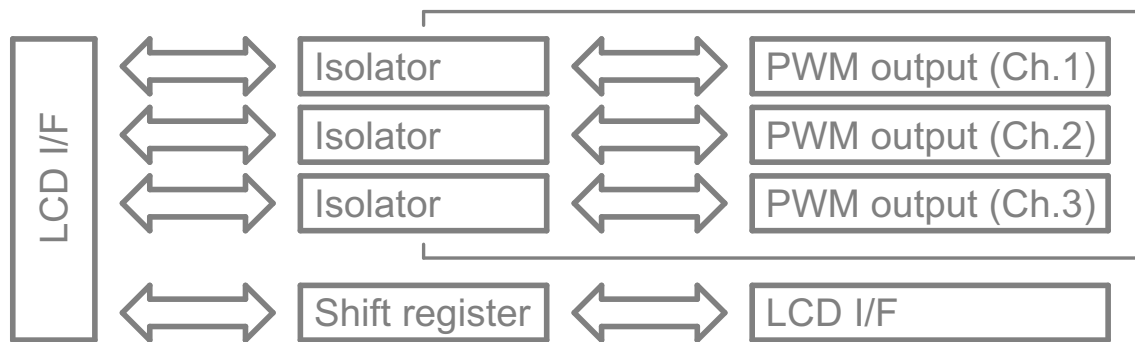
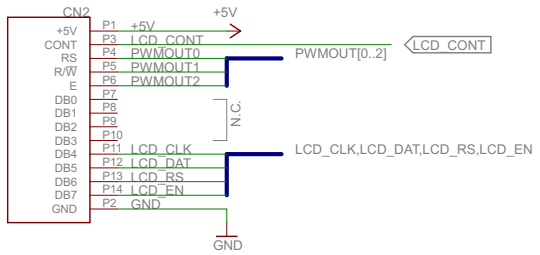


Block diagram





Connection map

LCD I/F	mbed	StarBoard Orange	Peripherals	Servo I/F board
1: VDD		J3		+5V
2: VSS		J2		GND
3: BIAS		J4		LCD_CONT
4: RS	p24		PwmOut	PWMOUT0
5: RW	p25		PwmOut	PWMOUT1
6: EN	p26		PwmOut	PWMOUT2
7: DB0		N.C.		
8: DB1		N.C.		
9: DB2		N.C.		
10: DB3		N.C.		
11: DB4	p27		Serial (rx) I2C (scl)	LCD_CLK
12: DB5	p28		Serial (tx) I2C (sda)	LCD_DAT
13: DB6	p29		CAN (td)	LCD_RS
14: DB7	p30		CAN (rd)	LCD_EN

