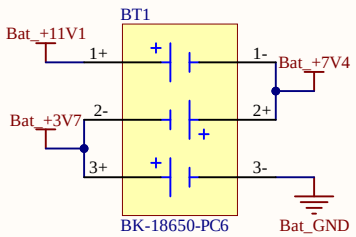
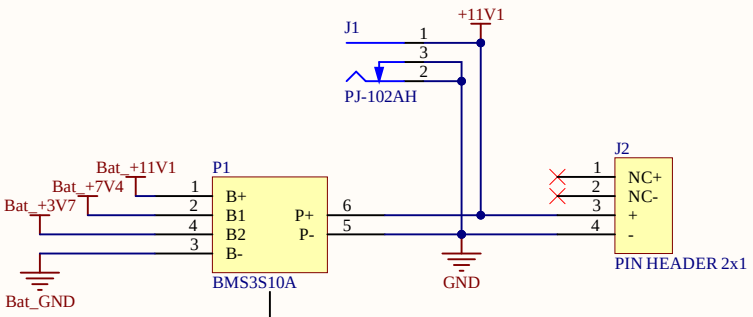
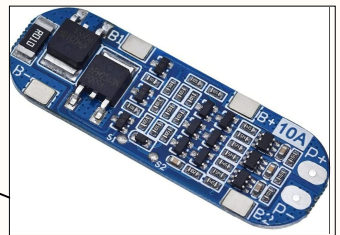


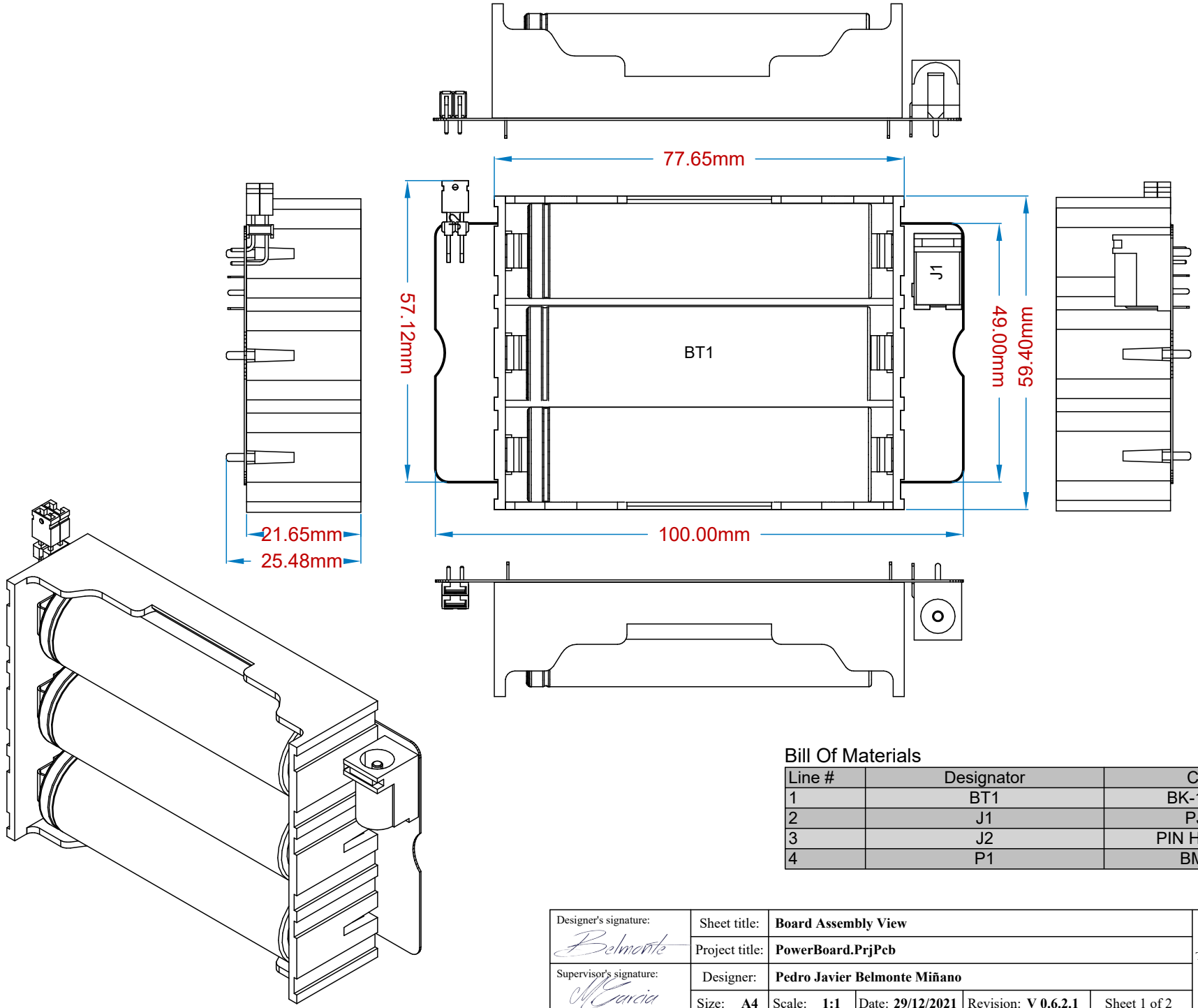




Model: BMS HX-3S-FL10
Size: 53*17*4 mm
Max Working Current: 6-8 A
Instant Max Working Current: 10-13 A
Charging Voltage: 12.6-13 V
Working Temperature: -40º C - +50º C

Designer's signature	Sheet title: **Bottom Board**			*Tecnologías de Circuitos Impresos* *Grado en Ingeniería de Tecnologías de Telecomunicación* *ETSIIT. University of Granada* *C/ Periodista Daniel Saucedo Aranda, s/n, 18014, Granada, Granada, Spain*
Supervisor's signature	Project title: **Balancing Robot**			
	Desginer: **Pedro Javier Belmoonte Miñano**			
	Date: **29/12/2021**	Revision: **V 0.6.2.1**	Sheet 1 of 1	

BELMONTE ELECTRONICS



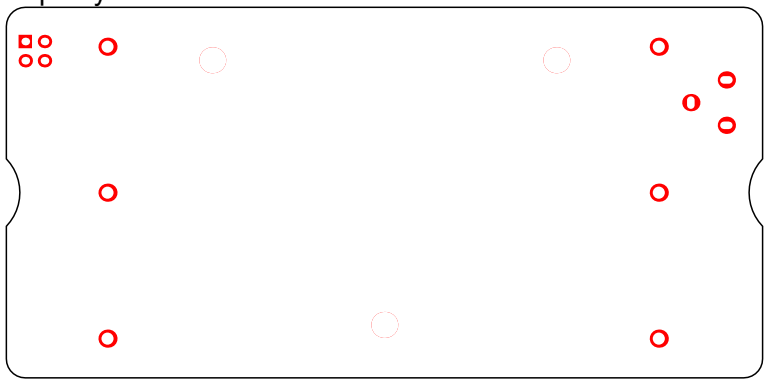
Bill Of Materials

Line #	Designator	Comment	Quantity
1	BT1	BK-18650-PC6	1
2	J1	PJ-102AH	1
3	J2	PIN HEADER 2x1	1
4	P1	BMS3S10A	1

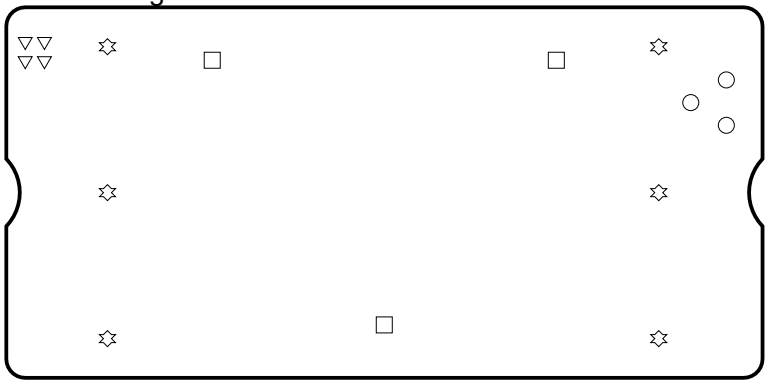
Designer's signature: Belmonte	Sheet title:	**Board Assembly View**				Tecnologías de Circuitos Impresos Grado en Ingeniería de Tecnologías de Telecomunicación ETSIIT. University of Granada C/ Periodista Daniel Saucedo Aranda, s/n, 18014, Granada, Granada, Spain
	Project title:	**PowerBoard.PrjPcb**				
Supervisor's signature: García	Designer:	**Pedro Javier Belmonte Miñano**				
	Size: **A4**	Scale: **1:1**	Date: **29/12/2021**	Revision: **V 0.6.2.1**	Sheet 1 of 2	

BELMONTE ELECTRONICS

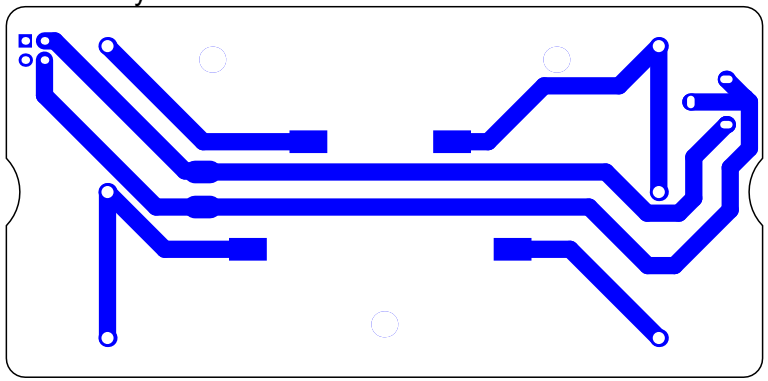
Top Layer



Drill Drawing View



Bottom Layer



Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
○	3	1.00mm	Plated	
▽	4	1.02mm	Plated	
✡	6	1.60mm	Plated	
□	3	3.44mm	Plated	
	16 Total			

Designer's signature: Belmonte	Sheet title:	**Fabrication View**				Tecnologías de Circuitos Impresos Grado en Ingeniería de Tecnologías de Telecomunicación ETSIIT. University of Granada C/ Periodista Daniel Saucedo Aranda, s/n, 18014, Granada, Granada, Spain
	Project title:	**PowerBoard.PrjPcb**				
Supervisor's signature: MGarcia	Designer:	**Pedro Javier Belmonte Miñano**				
	Size: **A4**	Scale: **1:1**	Date: **29/12/2021**	Revision: **V 0.6.2.1**	Sheet 2 of 2	

BELMONTE ELECTRONICS