

A

B

C

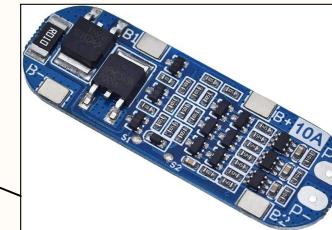
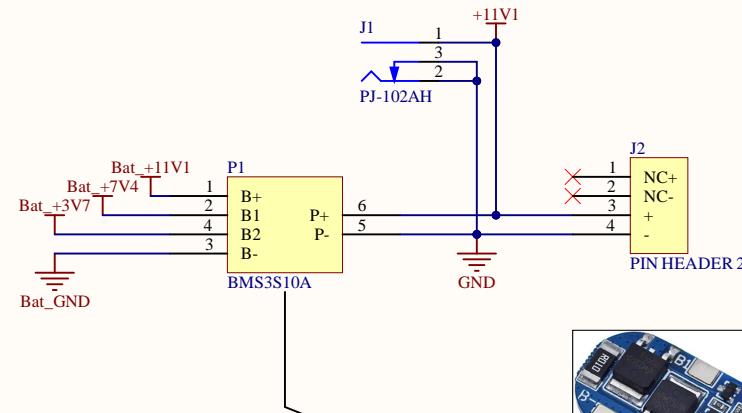
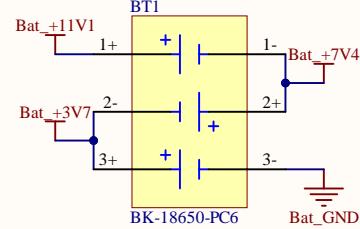
D

A

B

C

D



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: -40° C - +50° C

Designer's signature	Sheet title: <b>Bottom Board</b>			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: <b>Balancing Robot</b>			
Designer's signature	Designer: <b>Pedro Javier Belmonte Miñano</b>			Date: <b>16/01/2022</b>   Revision: <b>V 1</b>   Sheet 1 of 1

A

A

B

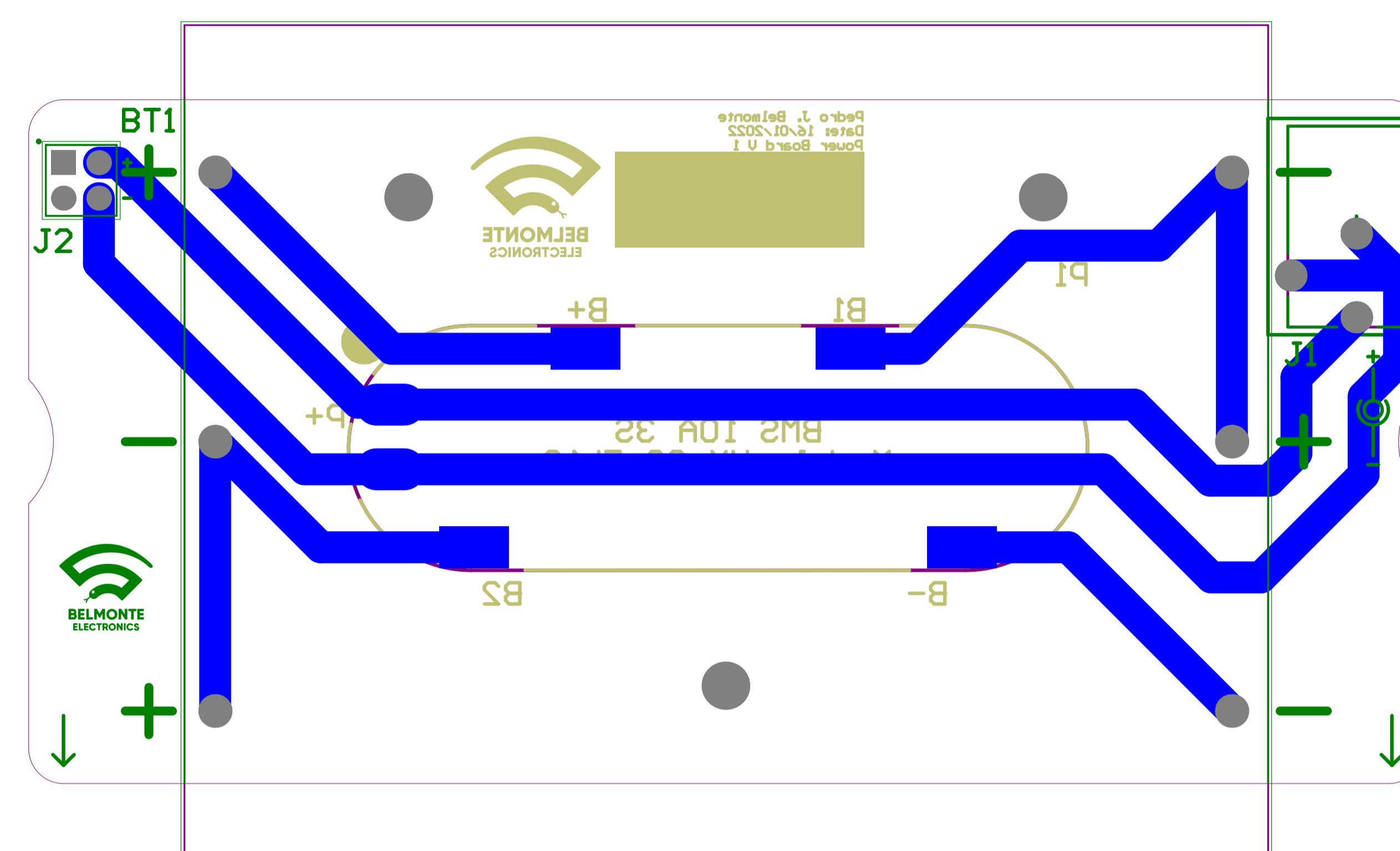
B

C

C

D

D



Designer's signature:

Sheet title: Control Board Pcb

Supervisor's signature:

Project title: Balancing Robot

Designer: Pedro Javier Belmonte

Date: 16-01-2020 | Revision: V1 | Sheet 1

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Granada, Spain



A

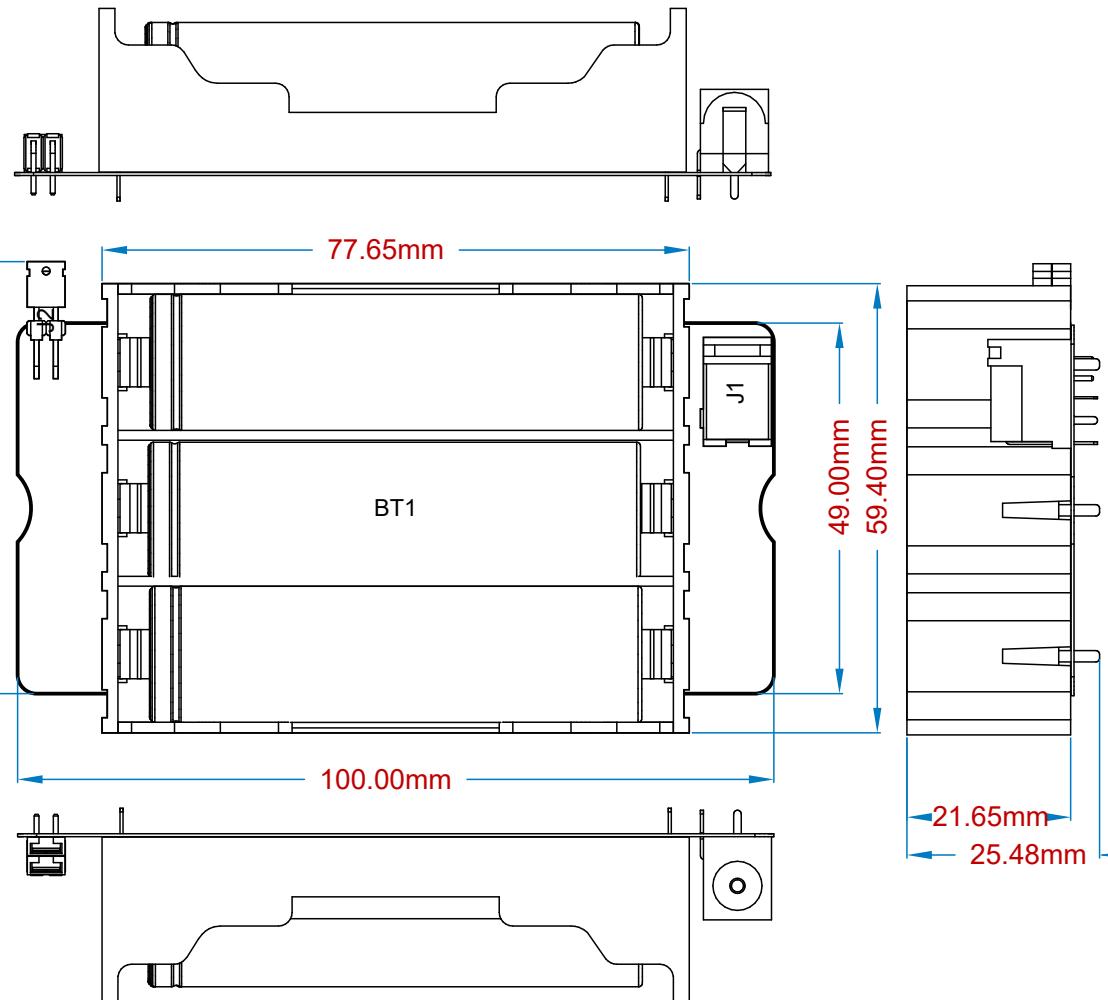
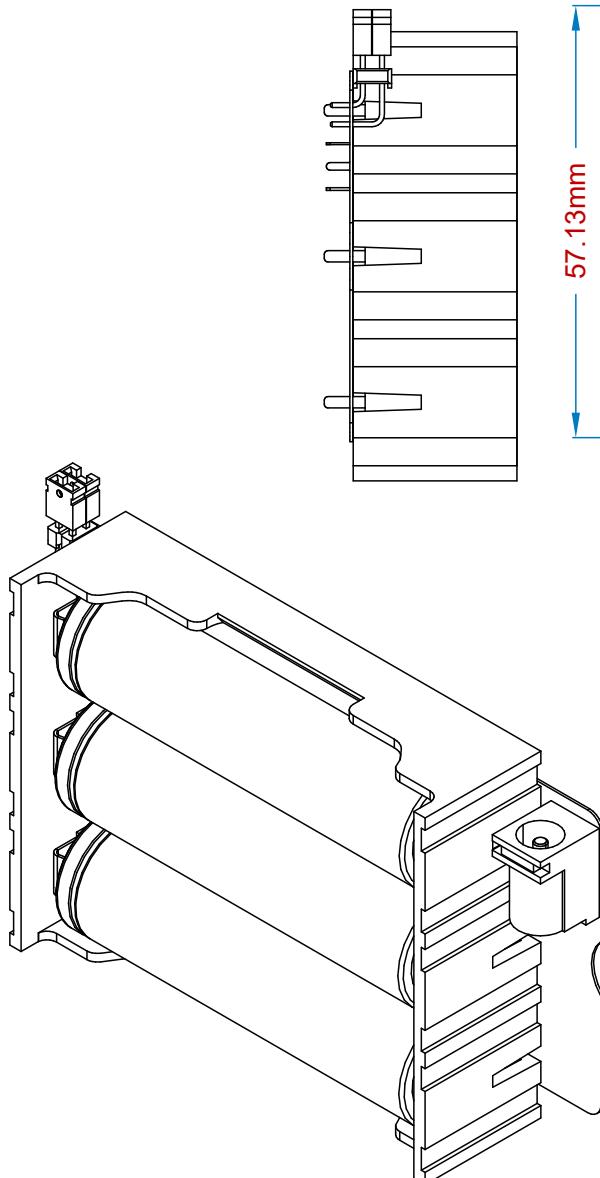
B

C

D

E

F



#### 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:  

Sheet title:

**Board Assembly View**Project title:  
PowerBoard.PjrPcbSupervisor's signature:  

Project title:

Designer:  
Pedro Javier Belmonte Miñano

Size: A4

Scale: 1:1

Date: 16/01/2022

Revision: V 1

Sheet 1 of 2

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A

B

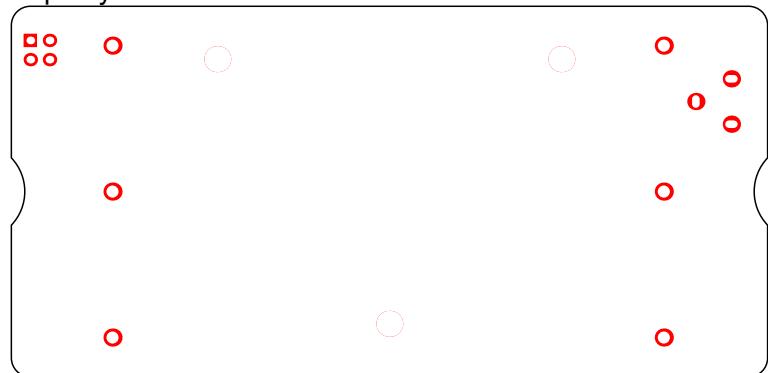
C

D

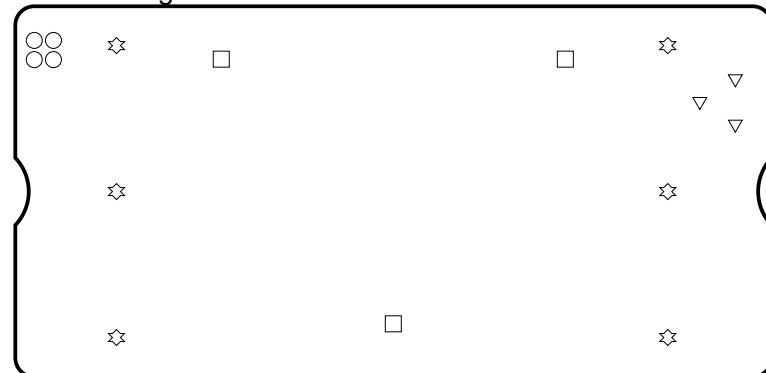
E

F

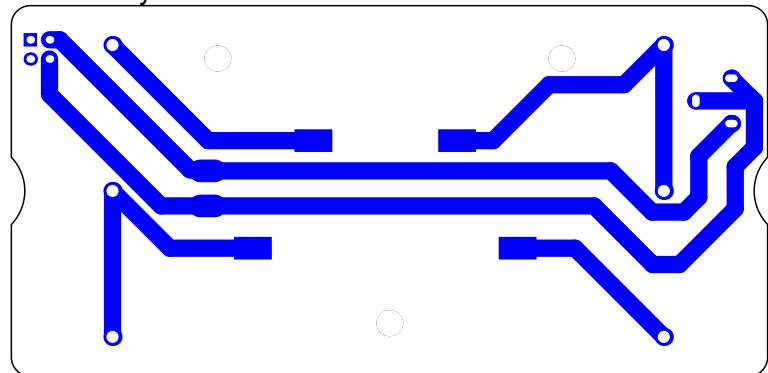
Top Layer



Drill Drawing View



Bottom Layer



Drill Table

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

A

B

C

D

E

F

Designer's signature:  
Supervisor's signature:  

Sheet title:

Project title:

Supervisor's signature:

Size: A4

**Fabrication View****PowerBoard.PjrPcb****Pedro Javier Belmonte Miñano**

Scale: 1:1

Date: 16/01/2022

Revision: V 1

Sheet 2 of 2

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