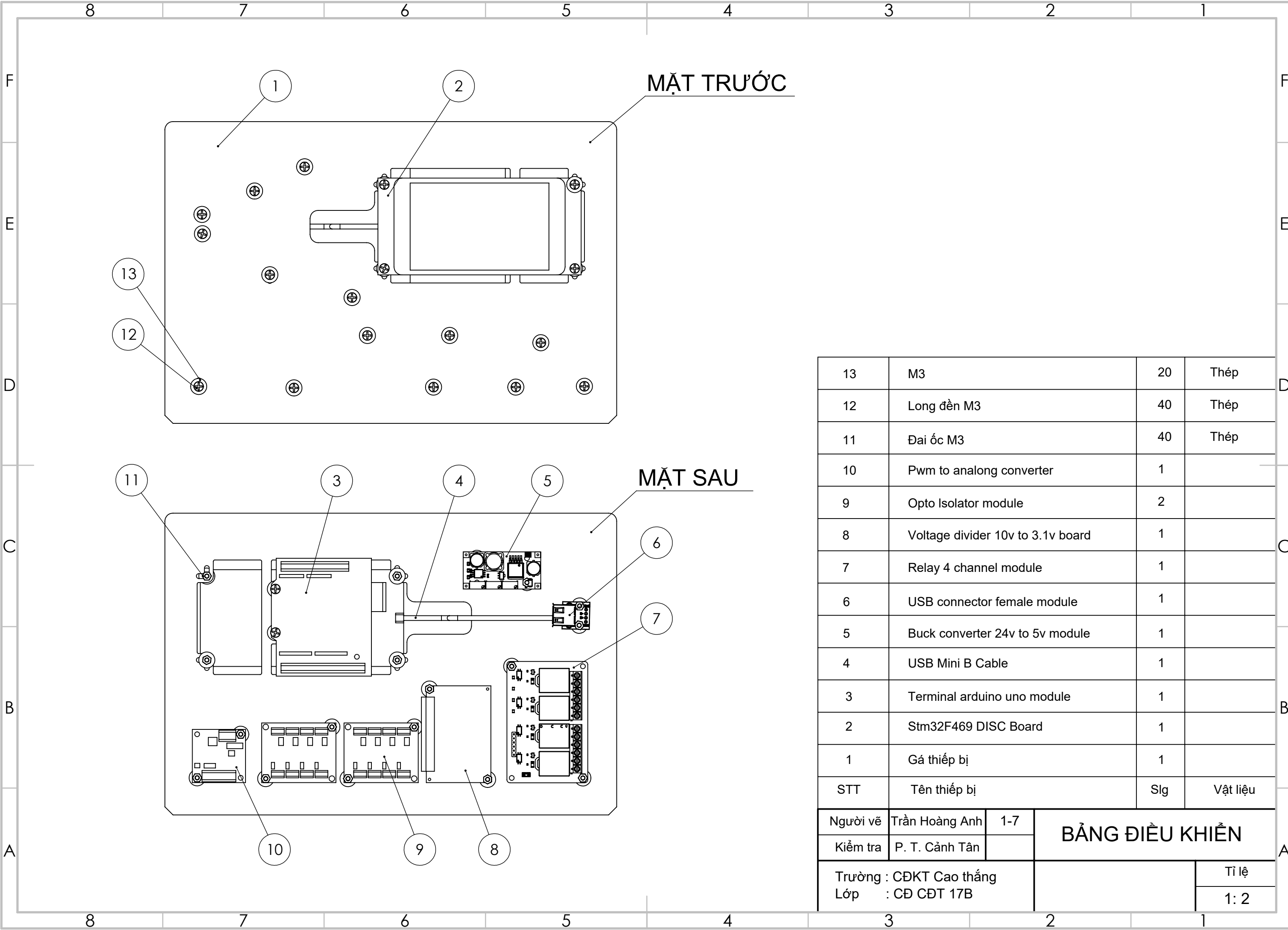
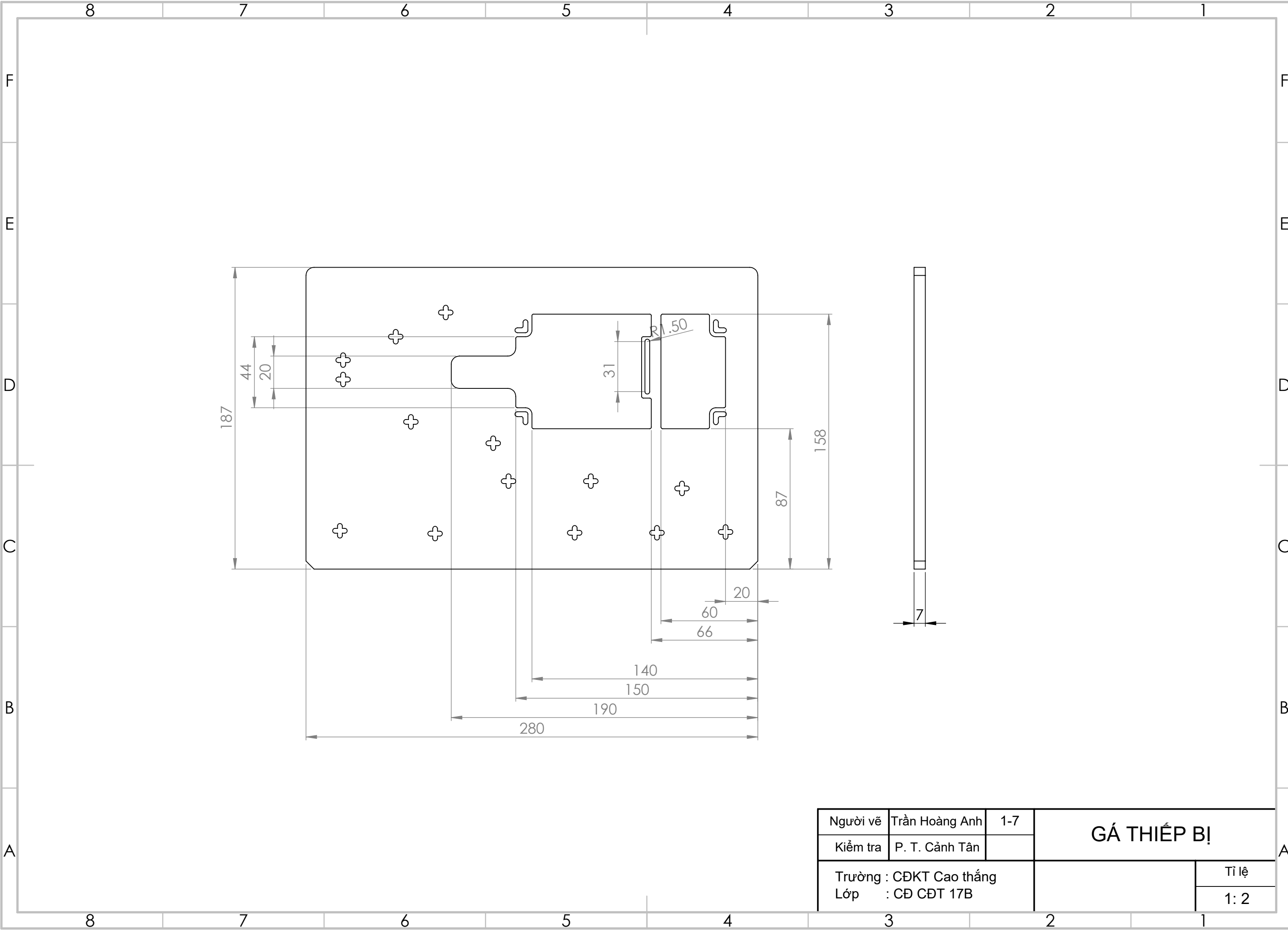


Người vẽ	Trần Hoàng Anh	1-7	BẢNG ĐIỀU KHIỂN	
Kiểm tra	P. T. Cảnh Tân			
Trường : CĐKT Cao thẳng Lớp : CĐ CĐT 17B				Tỉ lệ
				1: 2



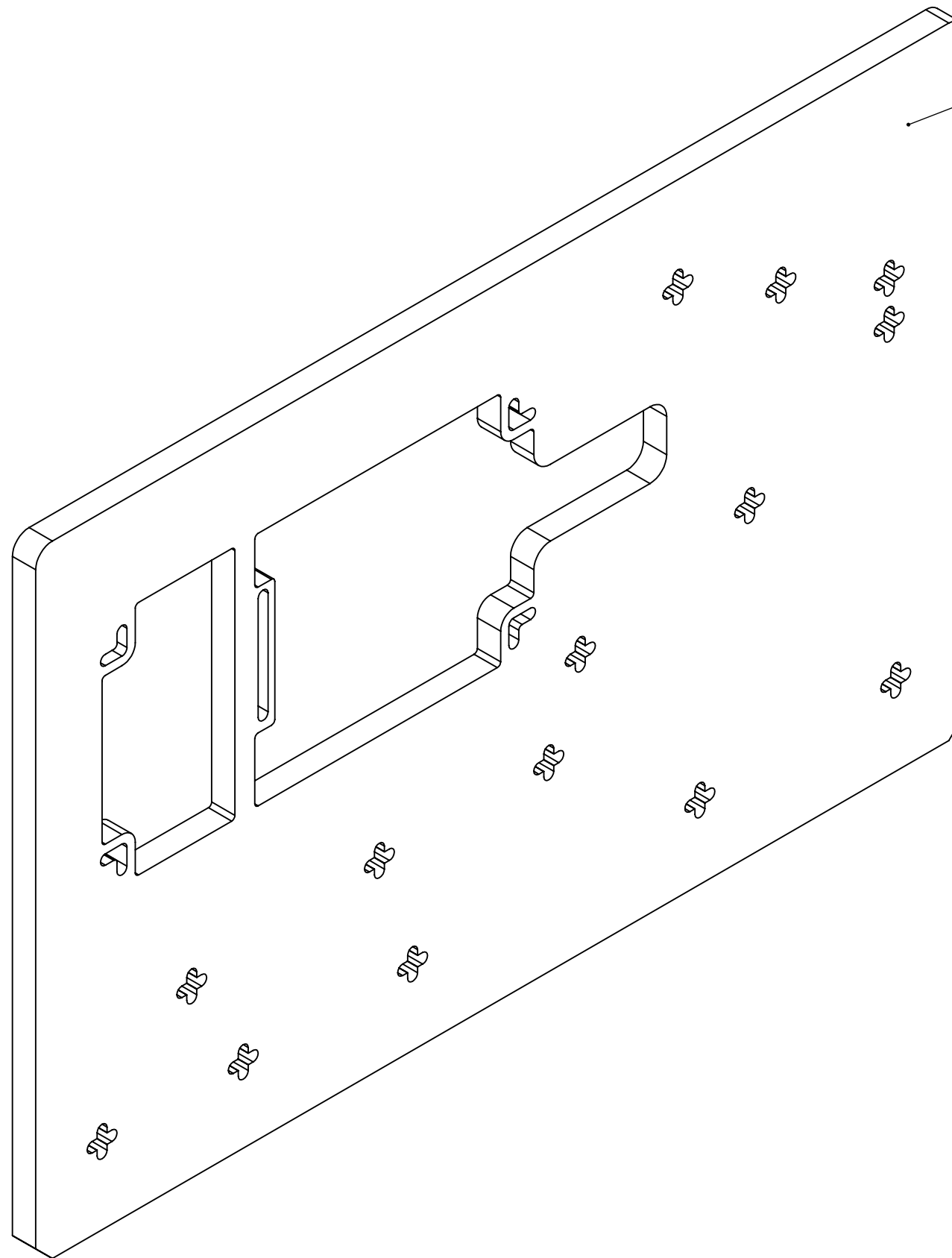
13	M3	20	Thép
12	Long đèn M3	40	Thép
11	Đai ốc M3	40	Thép
10	Pwm to analong converter	1	
9	Opto Isolator module	2	
8	Voltage divider 10v to 3.1v board	1	
7	Relay 4 channel module	1	
6	USB connector female module	1	
5	Buck converter 24v to 5v module	1	
4	USB Mini B Cable	1	
3	Terminal arduino uno module	1	
2	Stm32F469 DISC Board	1	
1	Gá thiếp bị	1	
STT	Tên thiếp bị	Slg	Vật liệu
Người vẽ	Trần Hoàng Anh	1-7	BẢNG ĐIỀU KHIỂN
Kiểm tra	P. T. Cảnh Tân		
Trường : CĐKT Cao thẳng			Tỉ lệ
Lớp : CĐ CĐT 17B			1: 2



STEP 1

1. DASHBOARD

BACKSIDE

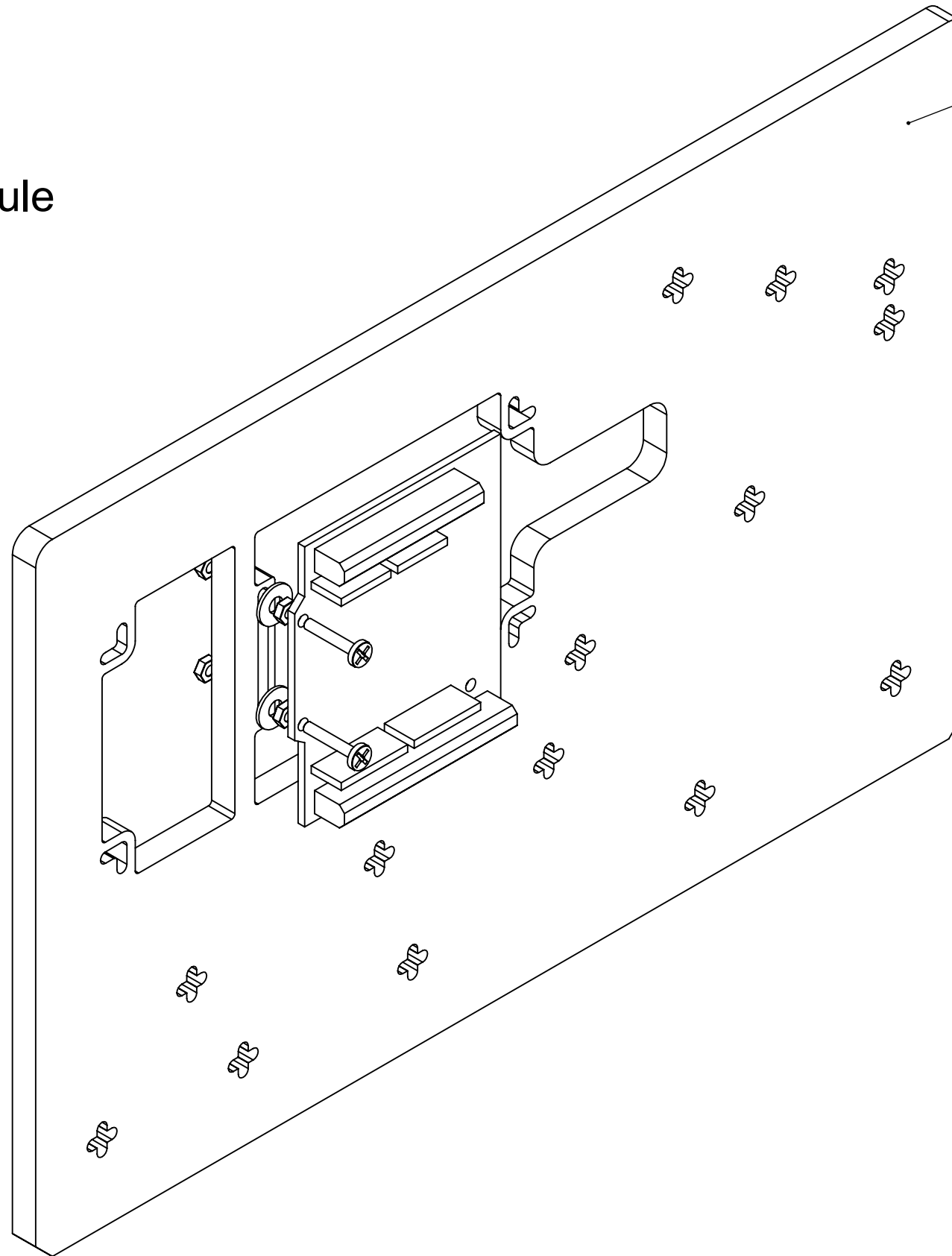


STEP 2

1. DASHBOARD

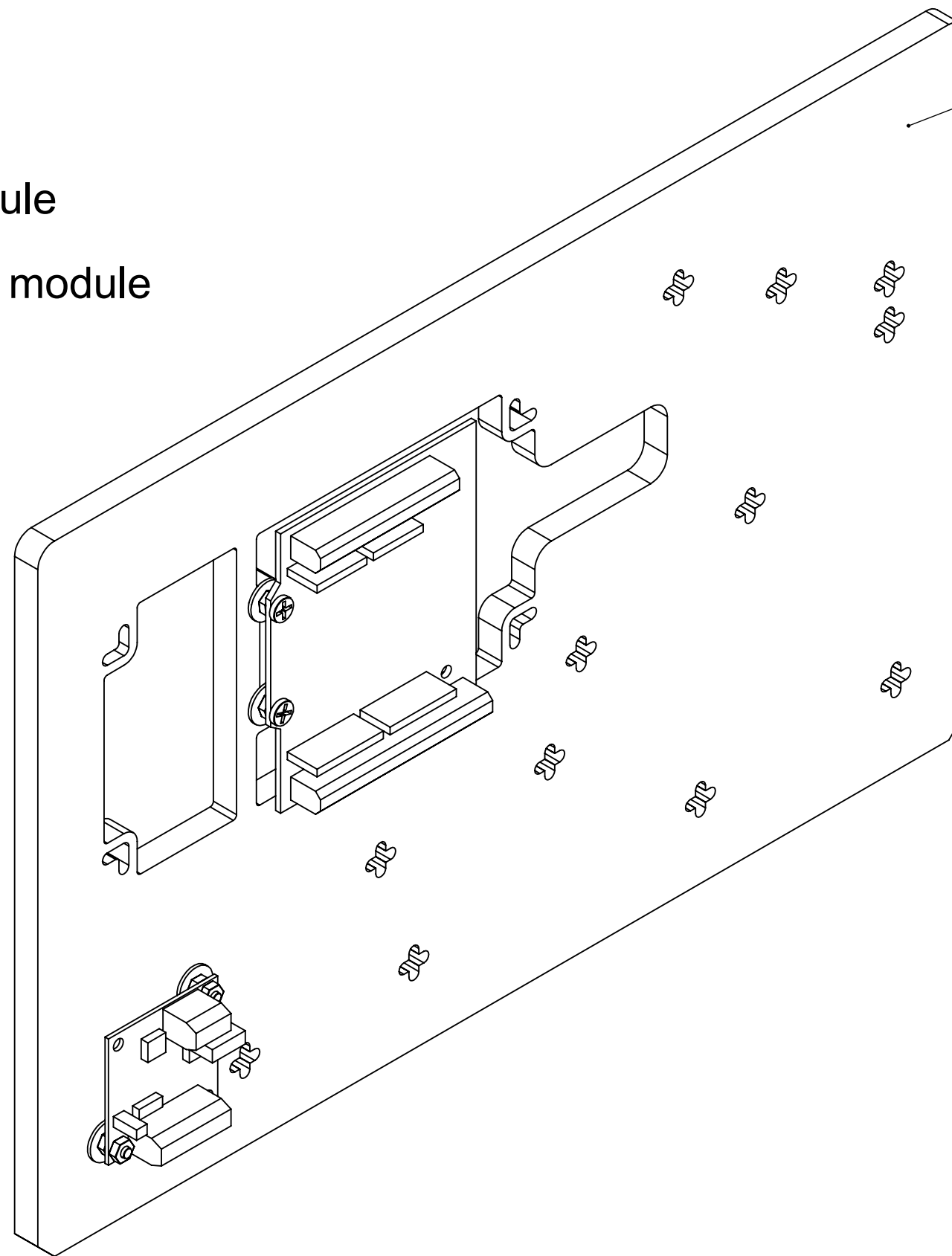
2. Terminal arduino uno module

BACKSIDE



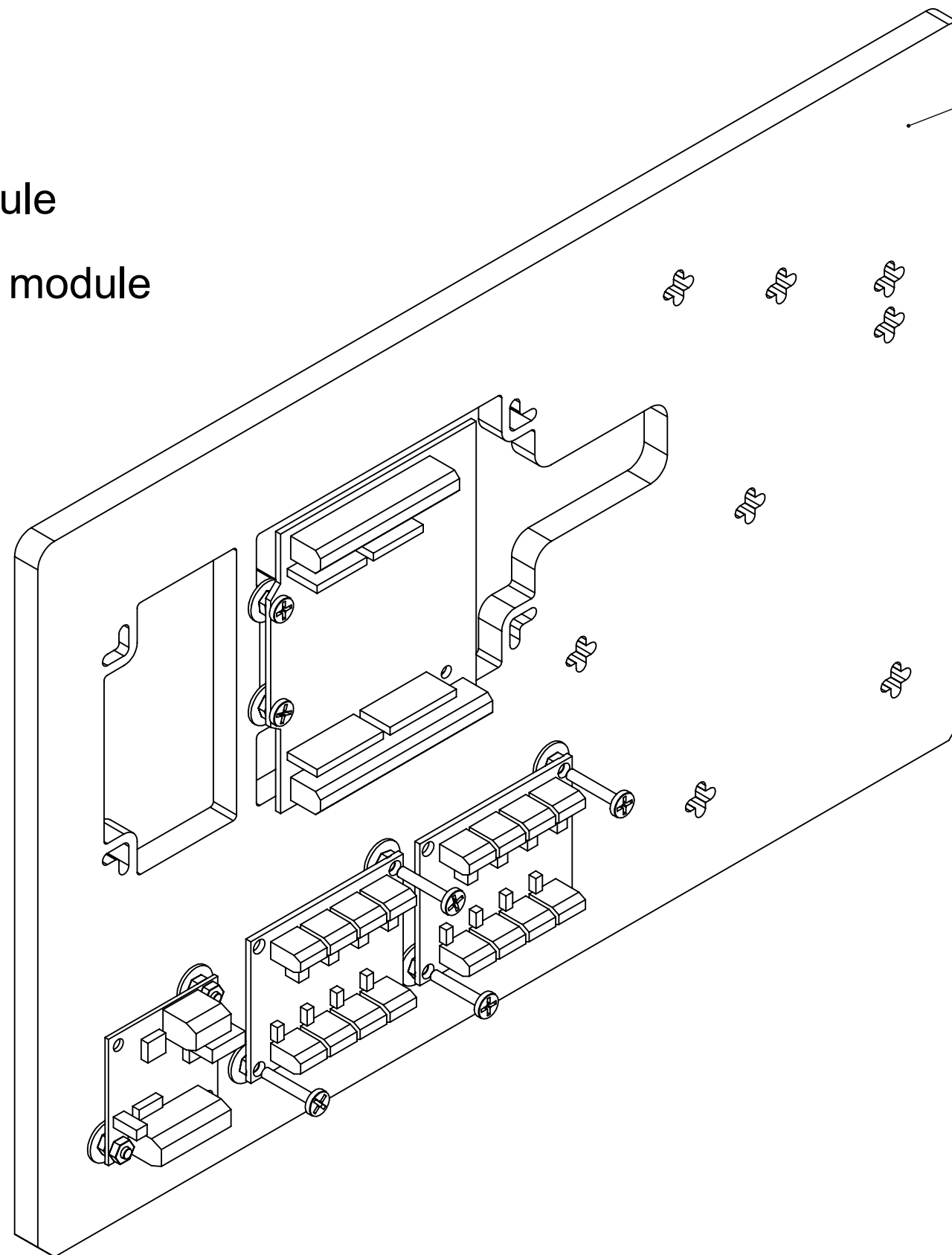
STEP 3

1. DASHBOARD
2. Terminal arduino uno module
3. Pwm to analong concerter module



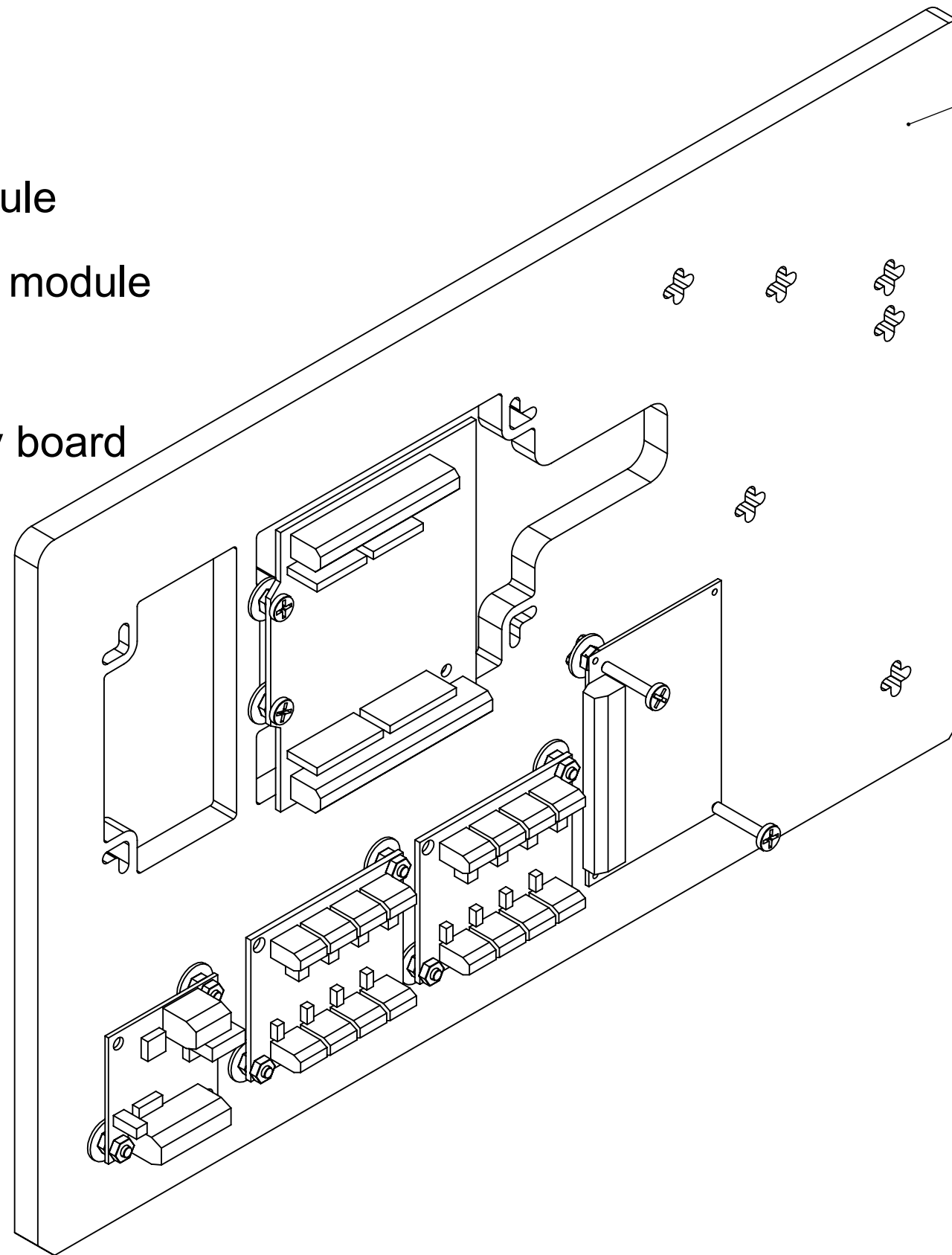
STEP 4

1. DASHBOARD
2. Terminal arduino uno module
3. Pwm to analong concerter module
4. Opto Isolato module



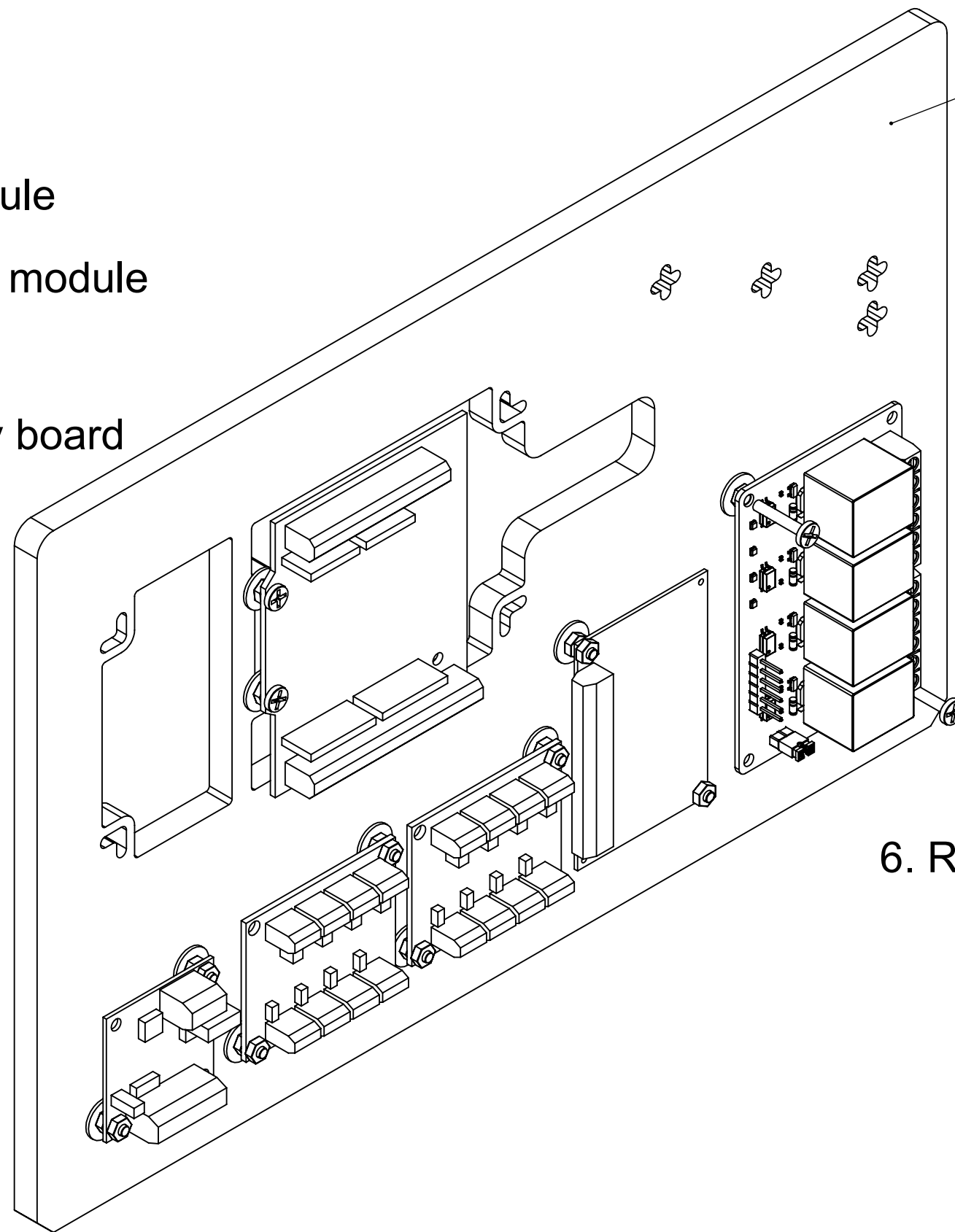
STEP 5

1. DASHBOARD
2. Terminal arduino uno module
3. Pwm to analong concerter module
4. Opto Isolato module
5. Voltage divider 10v to 3.1v board



STEP 6

1. DASHBOARD
2. Terminal arduino uno module
3. Pwm to analong concerter module
4. Opto Isolato module
5. Voltage divider 10v to 3.1v board

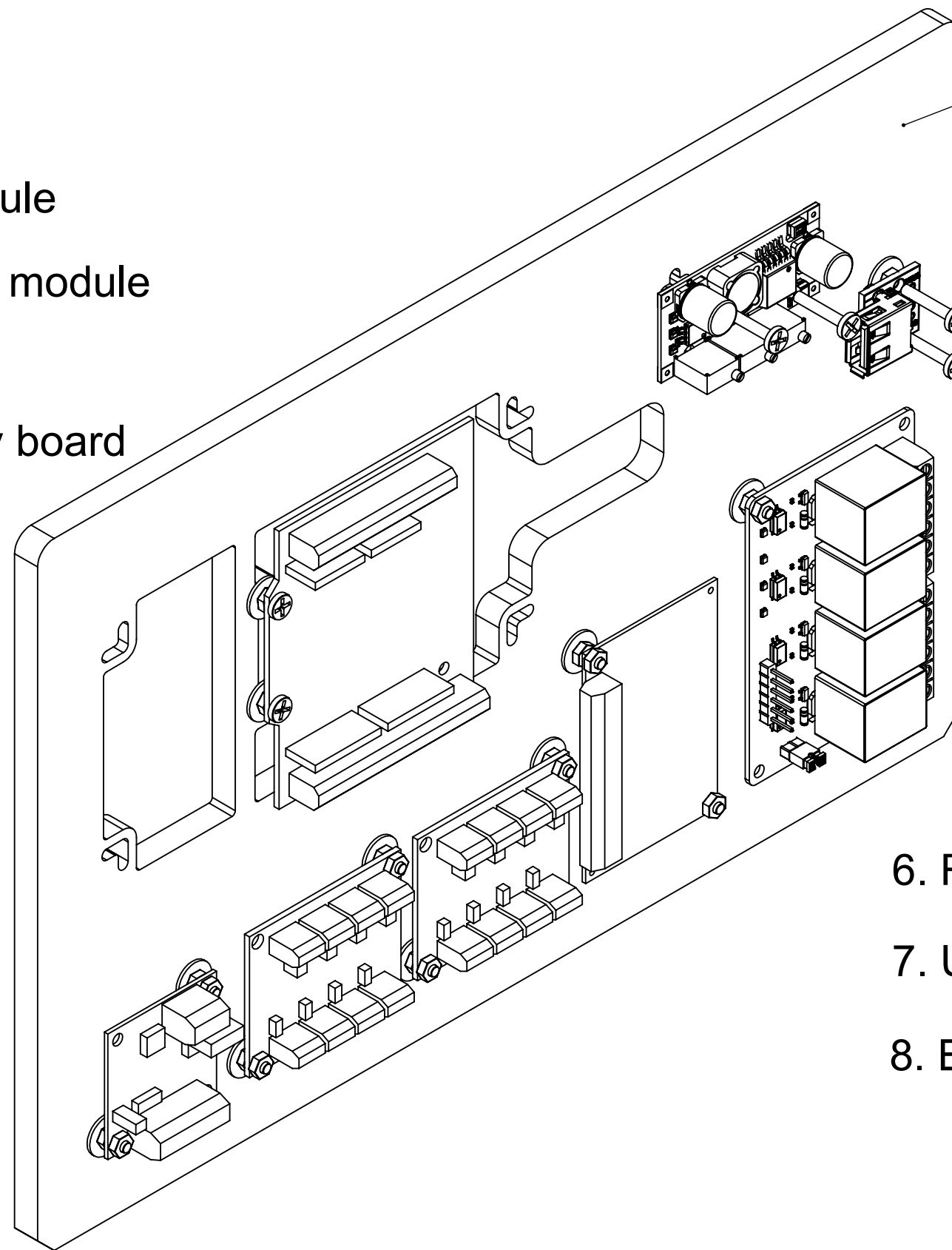


BACKSIDE

6. Relay 4 channel module

STEP 7

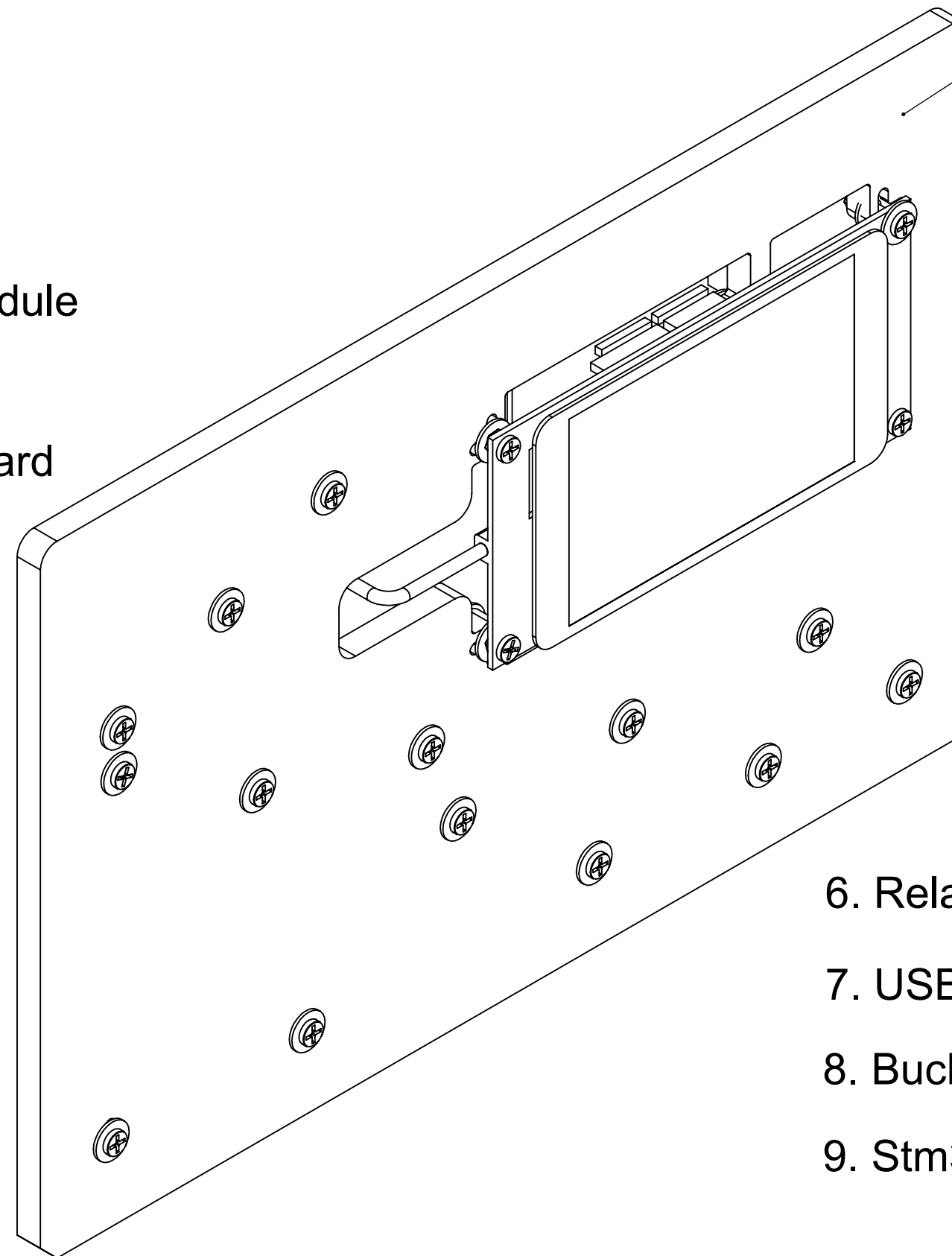
1. DASHBOARD
2. Terminal arduino uno module
3. Pwm to analong concerter module
4. Opto Isolato module
5. Voltage divider 10v to 3.1v board



6. Relay 4 channel module
7. USB connector female module
8. Buck convector female module

STEP 8

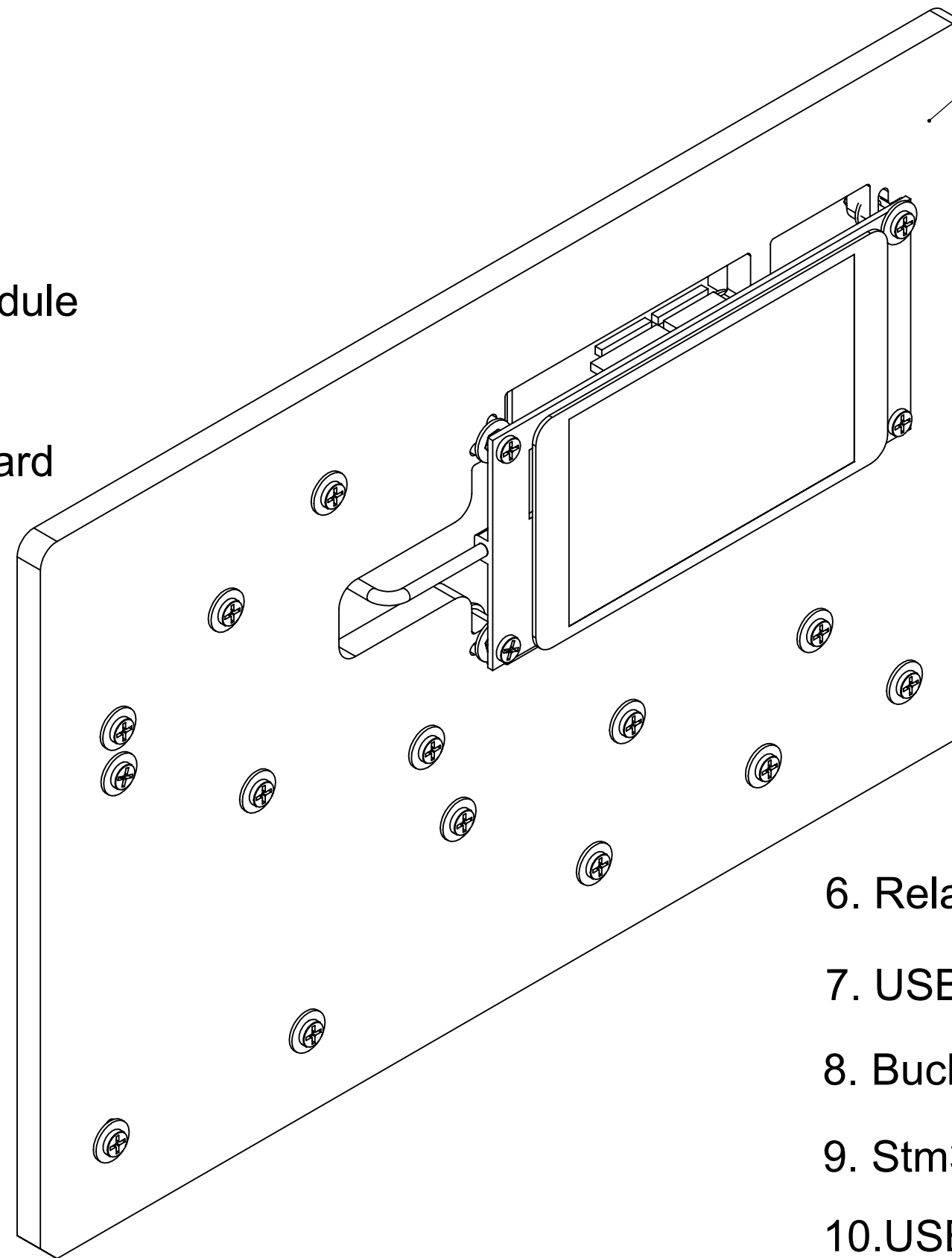
1. DASHBOARD
2. Terminal arduino uno module
3. Pwm to analong concerter module
4. Opto Isolato module
5. Voltage divider 10v to 3.1v board



6. Relay 4 channel module
7. USB connector female module
8. Buck convector female module
9. Stm32F469 DISC Board

STEP 9

1. DASHBOARD
2. Terminal arduino uno module
3. Pwm to analong concerter module
4. Opto Isolato module
5. Voltage divider 10v to 3.1v board



Front

6. Relay 4 channel module
7. USB connector female module
8. Buck convector female module
9. Stm32F469 DISC Board
- 10.USB Mini B Cable