
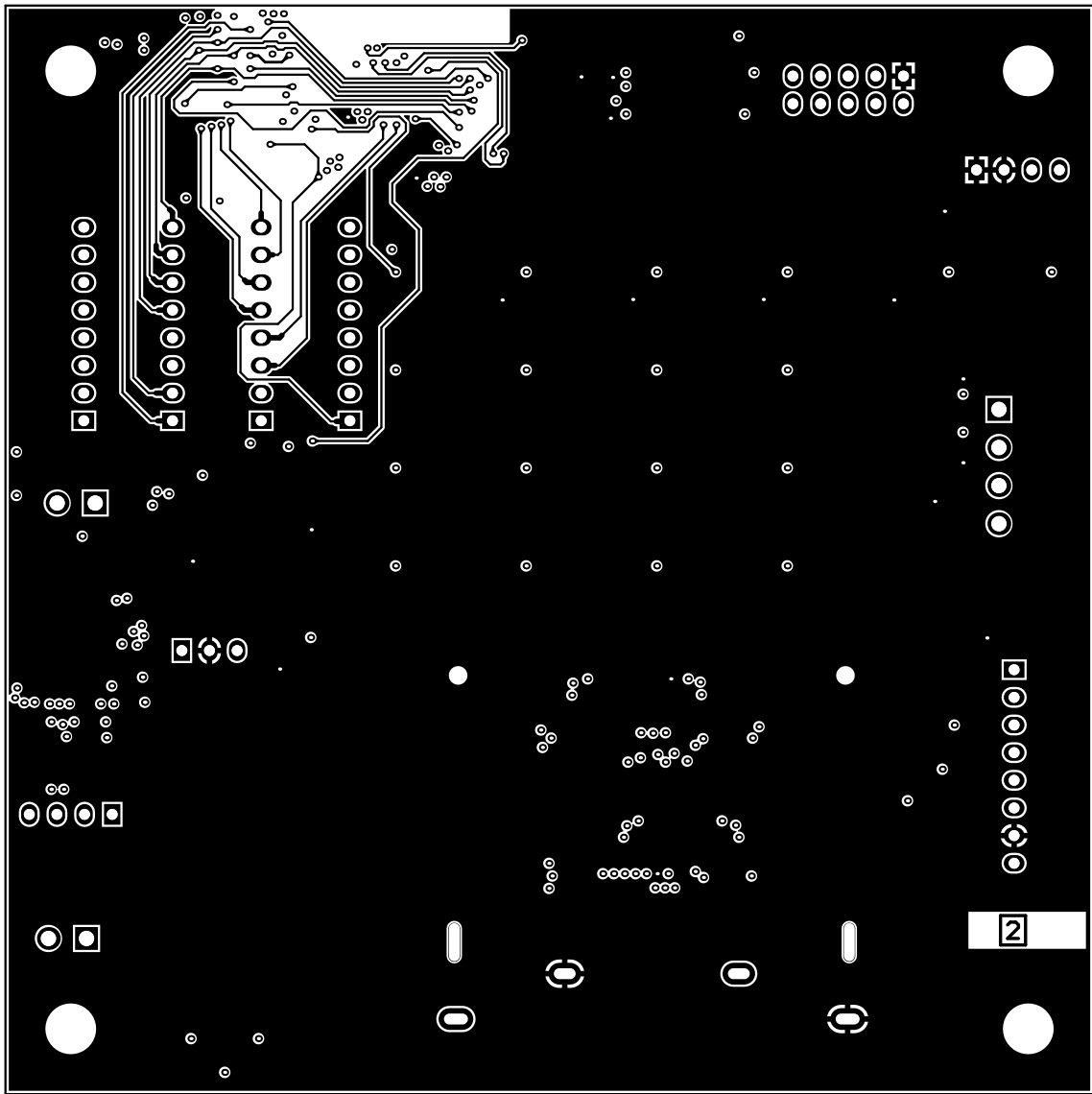


L1 Layer [TOP]

(M1) Board Outline

LAYER L1 (TOP)


 mirko electronics		Mirko Electronics Smoka Wawelskiego 1, 30-535 Kraków, Poland		Size A3
Title AC+RC Unit (BLE 5.0) Board				Version VER1
Project: AC+RC Unit (BLE 5.0)		Sheet: 1 / 11		Revision REV1
Variant: [All Variants]		Printed: 2021-03-27		
Drawn by: Mirosław Folejewski				
File Name: ac_rc_unit_VER1.PcbDoc				

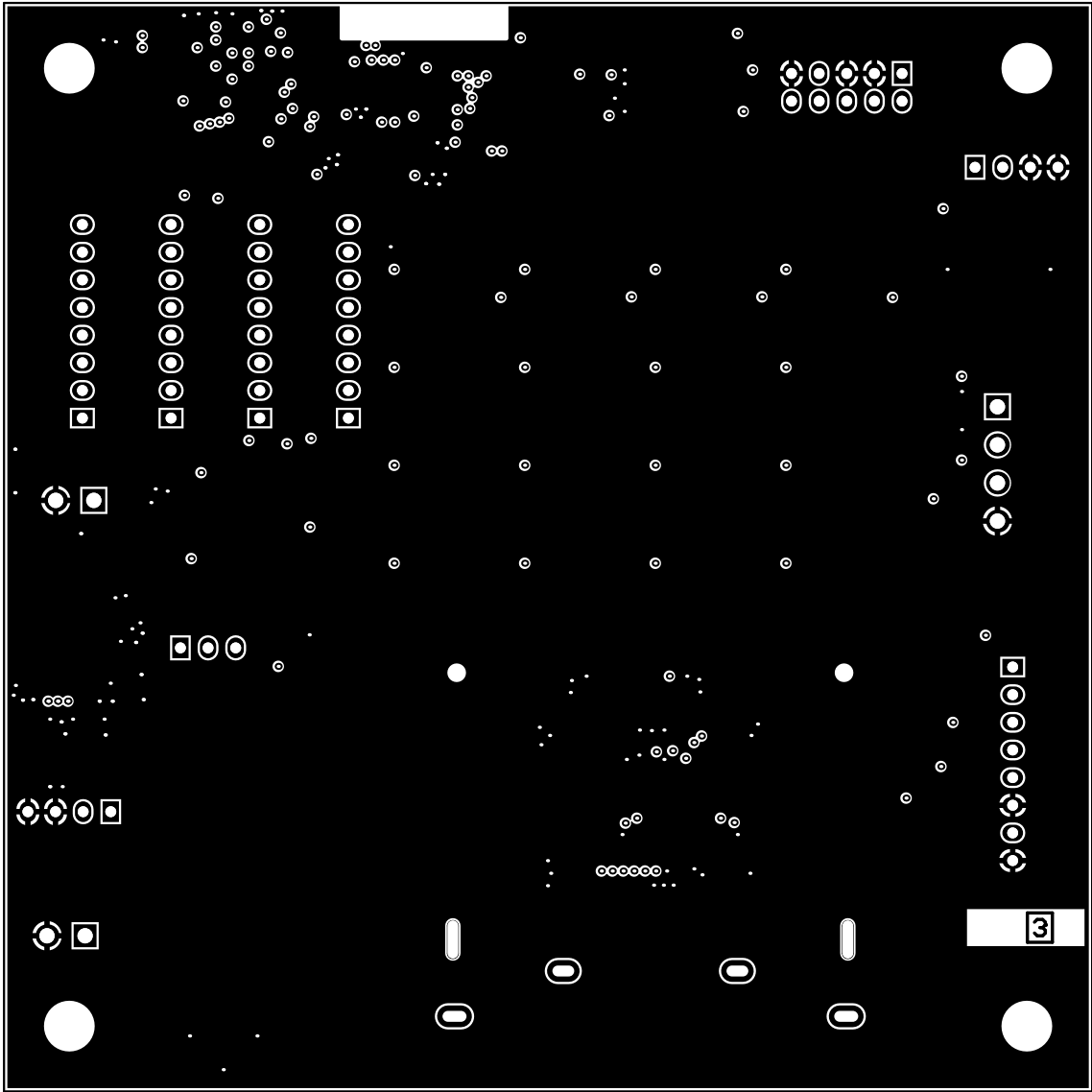


L2 Layer

(M1) Board Outline

LAYER L2


 mirko electronics		Mirko Electronics Smoka Wawelskiego 1, 30-535 Kraków, Poland		Size A3
Title AC+RC Unit (BLE 5.0) Board				Version VER1
Project: AC+RC Unit (BLE 5.0)				Revision REV1
Variant: [All Variants]		Sheet: 2 / 11		
Drawn by: Mirosław Folejewski		Printed: 2021-03-27		
File Name: ac_rc_unit_VER1.PcbDoc				

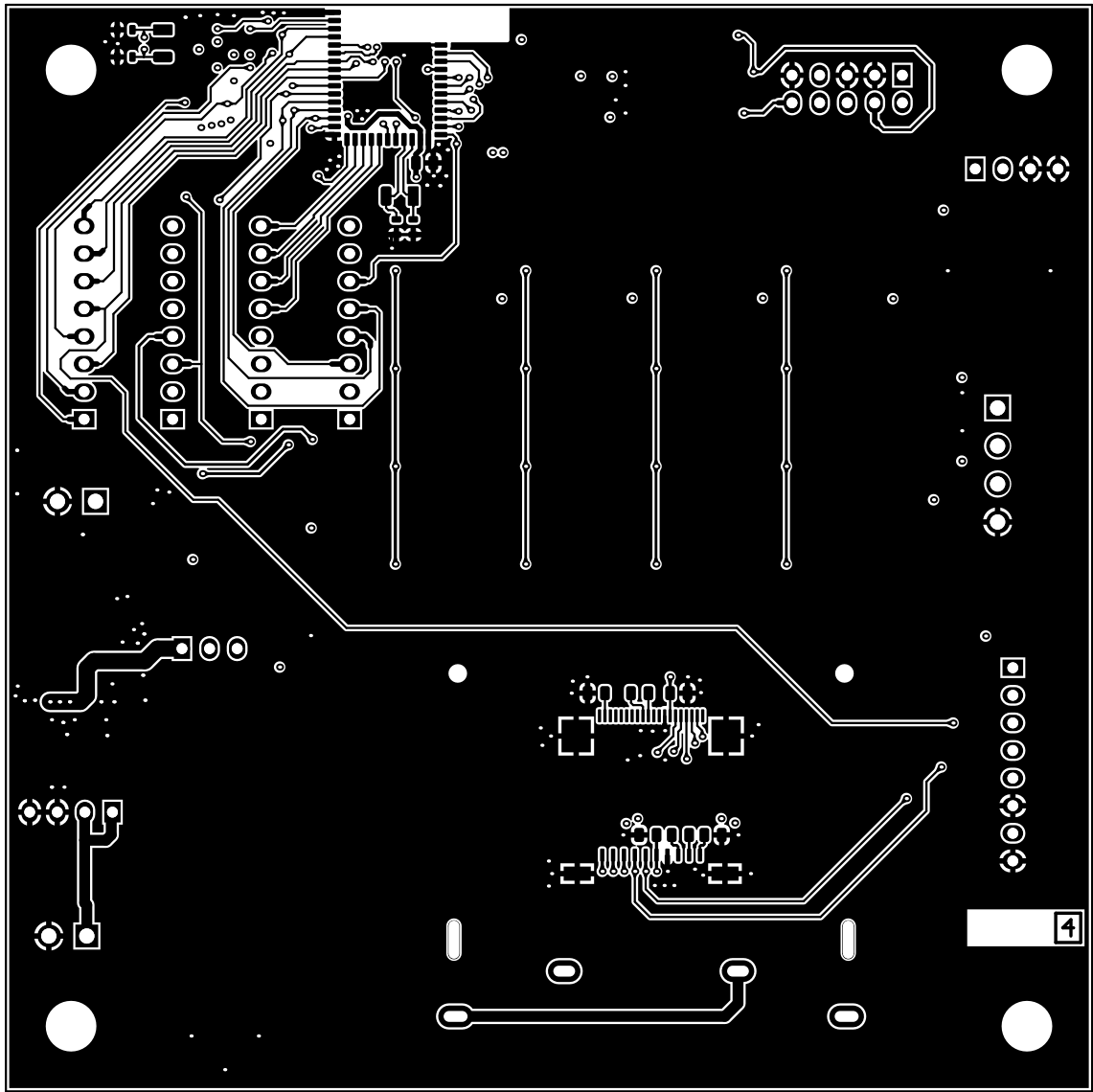


L3 Layer

(M1) Board Outline

LAYER L3


 mirko electronics		Mirko Electronics Smoka Wawelskiego 1, 30-535 Kraków, Poland		Size A3
Title AC+RC Unit (BLE 5.0) Board				Version VER1
Project: AC+RC Unit (BLE 5.0)				Revision REV1
Variant: [All Variants]		Sheet: 3 / 11		
Drawn by: Mirosław Folejewski		Printed: 2021-03-27		
File Name: ac_rc_unit_VER1.PcbDoc				

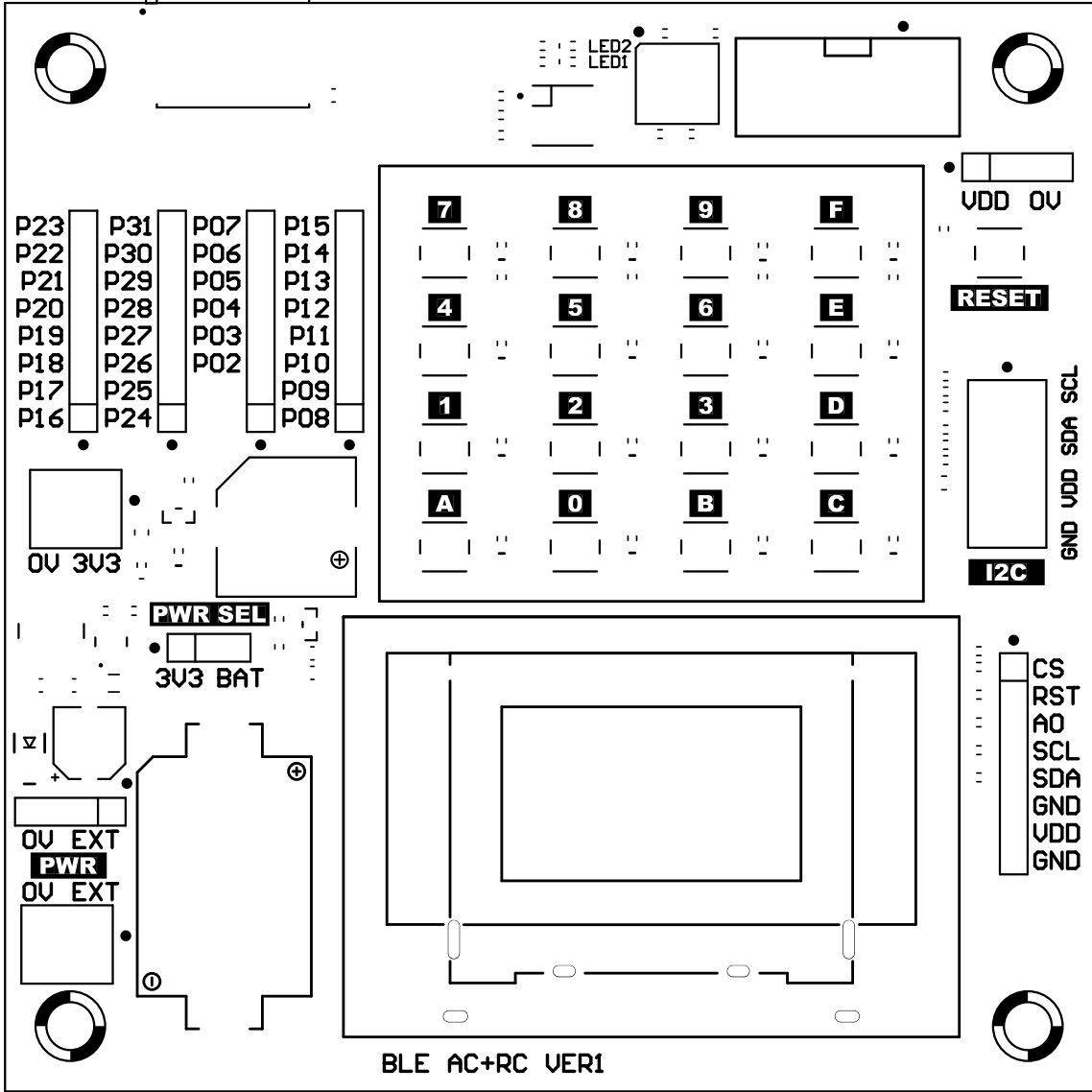


(M1) Board Outline

LAYER L4 (BOT)


L4 Layer [BOT]

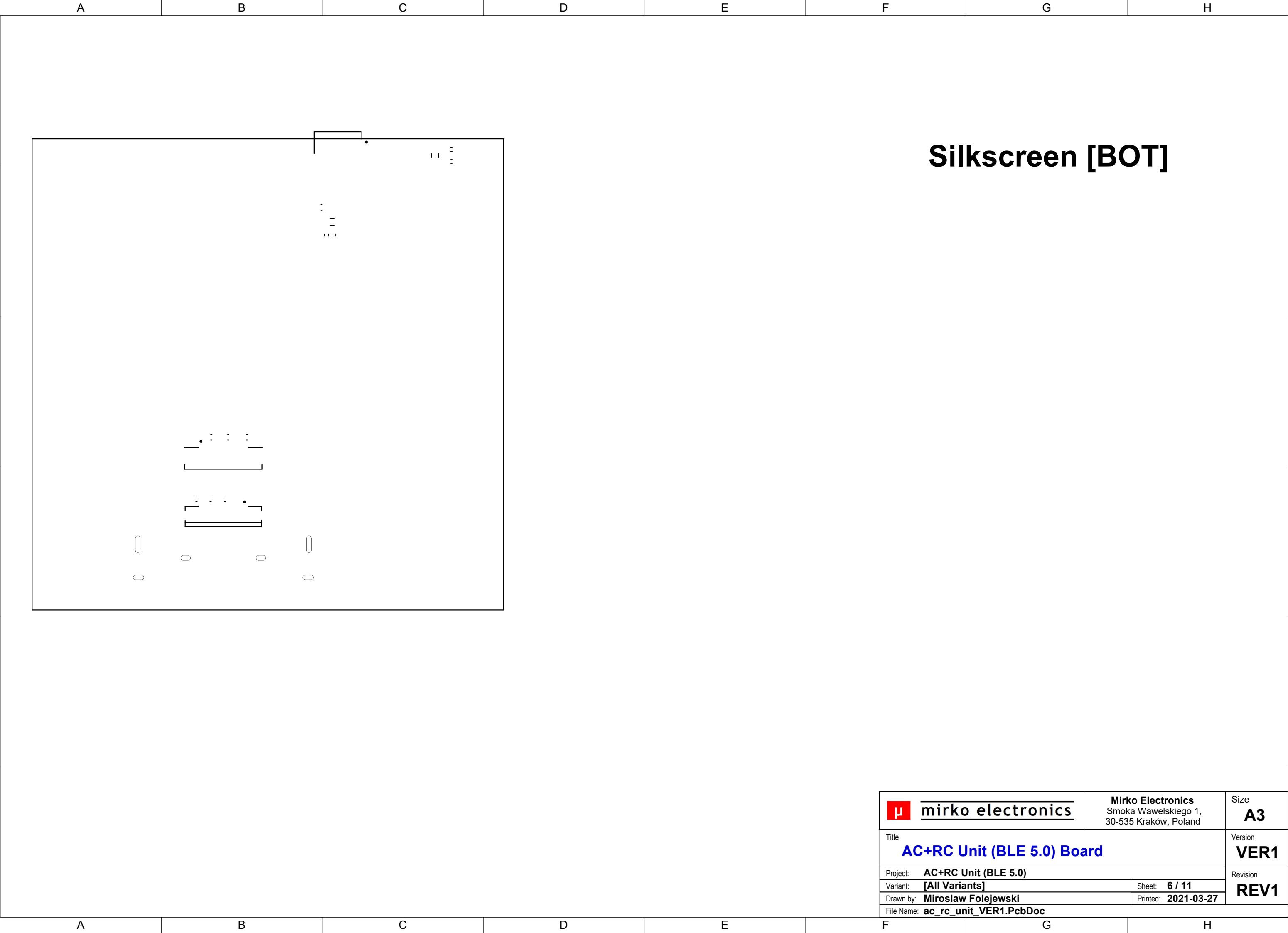
		Mirko Electronics Smoka Wawelskiego 1, 30-535 Kraków, Poland		Size A3
Title AC+RC Unit (BLE 5.0) Board				Version VER1
Project: AC+RC Unit (BLE 5.0)				Revision REV1
Variant: [All Variants]		Sheet: 4 / 11		
Drawn by: Mirosław Folejewski		Printed: 2021-03-27		
File Name: ac_rc_unit_VER1.PcbDoc				




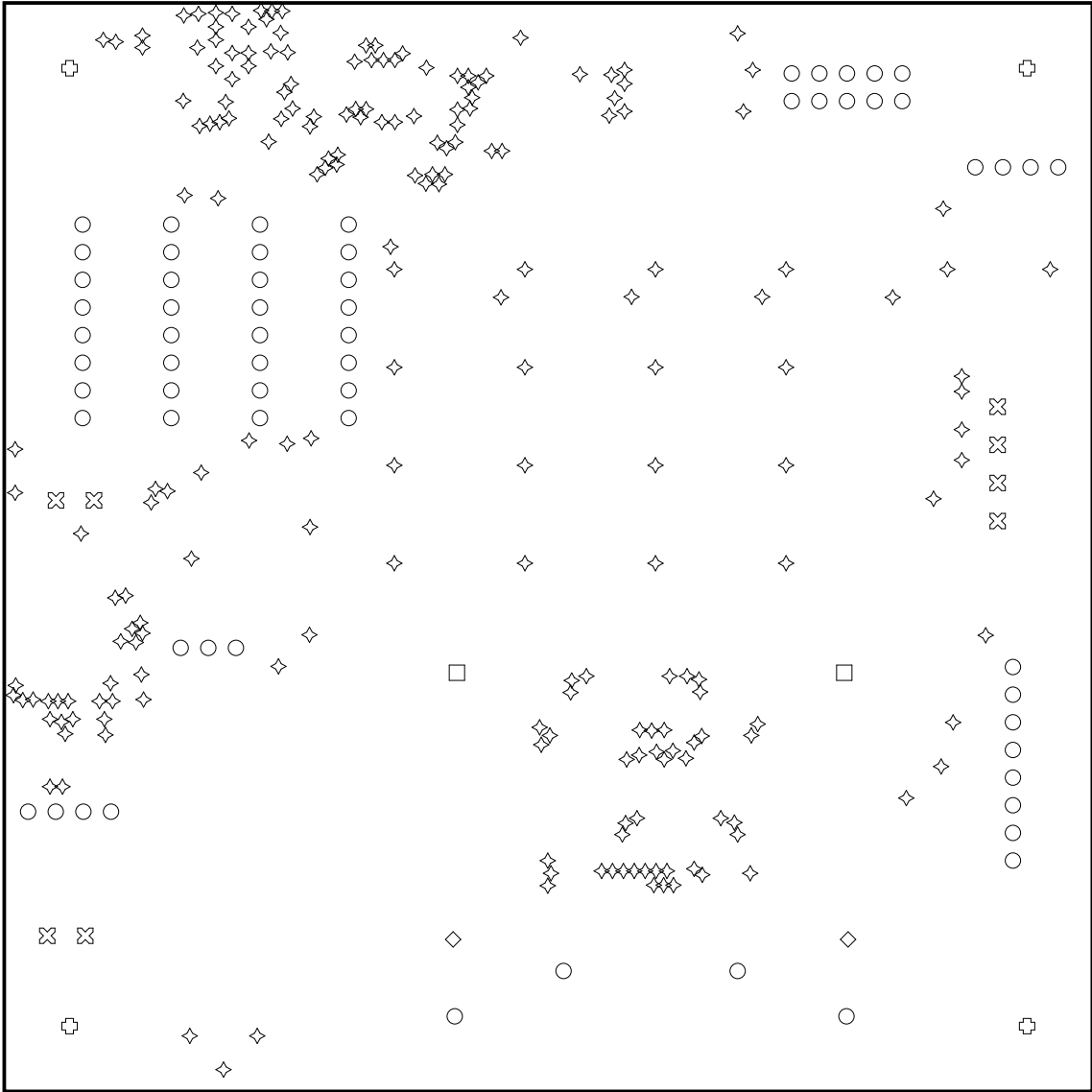
Silkscreen [TOP]

- (M1) Board Outline
- SILKSCREEN (TOP)

 <u>mirko electronics</u>		Mirko Electronics Smoka Wawelskiego 1, 30-535 Kraków, Poland		Size A3
Title AC+RC Unit (BLE 5.0) Board				Version VER1
Project: AC+RC Unit (BLE 5.0)				Revision REV1
Variant: [All Variants]		Sheet: 5 / 11		
Drawn by: Mirosław Folejewski		Printed: 2021-03-27		
File Name: ac_rc_unit_VER1.PcbDoc				




 mirko electronics		Mirko Electronics Smoka Wawelskiego 1, 30-535 Kraków, Poland	Size A3
Title AC+RC Unit (BLE 5.0) Board			Version VER1
Project: AC+RC Unit (BLE 5.0)			Revision REV1
Variant: [All Variants]		Sheet: 6 / 11	
Drawn by: Mirosław Folejewski		Printed: 2021-03-27	
File Name: ac_rc_unit_VER1.PcbDoc			

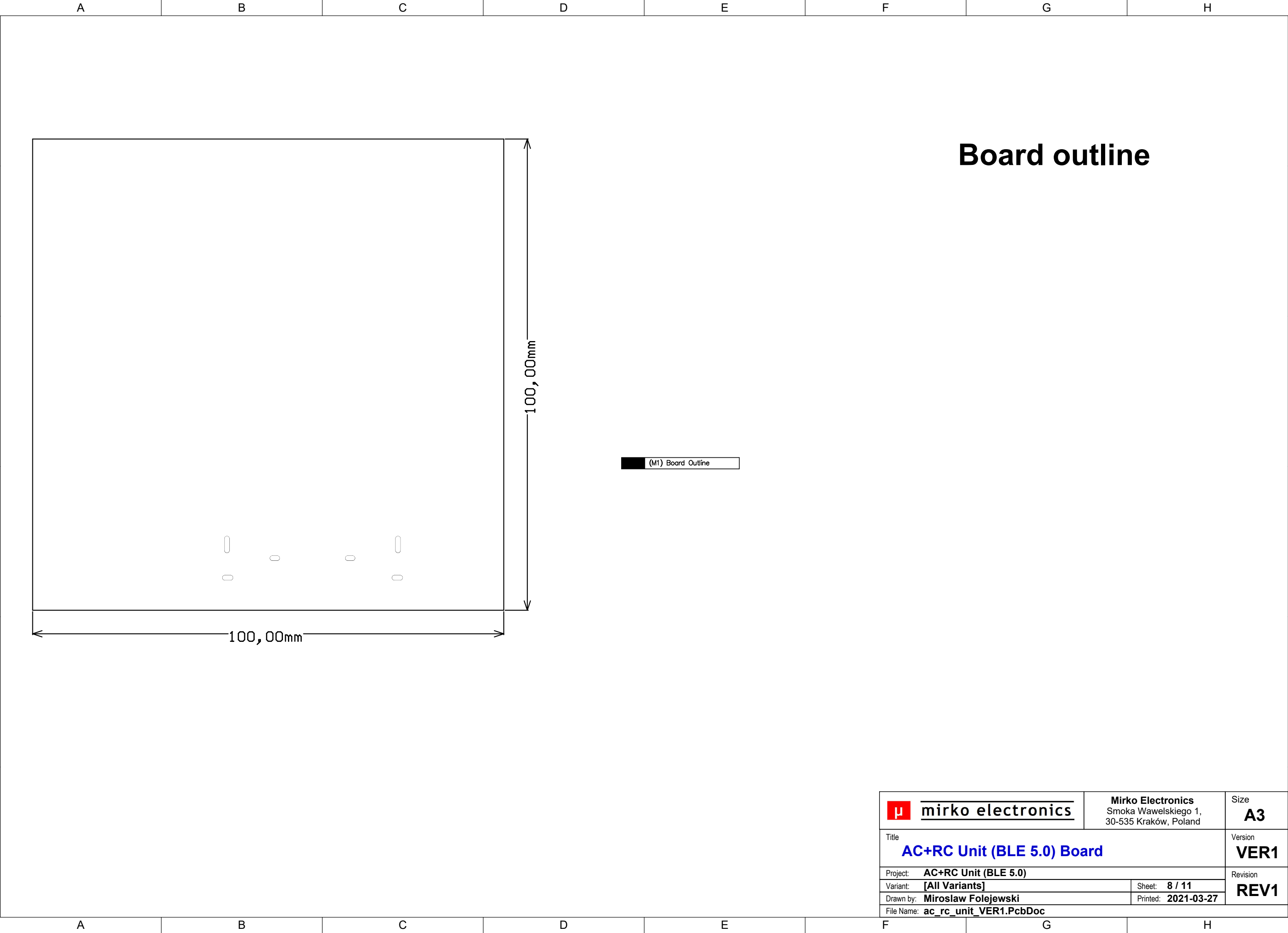


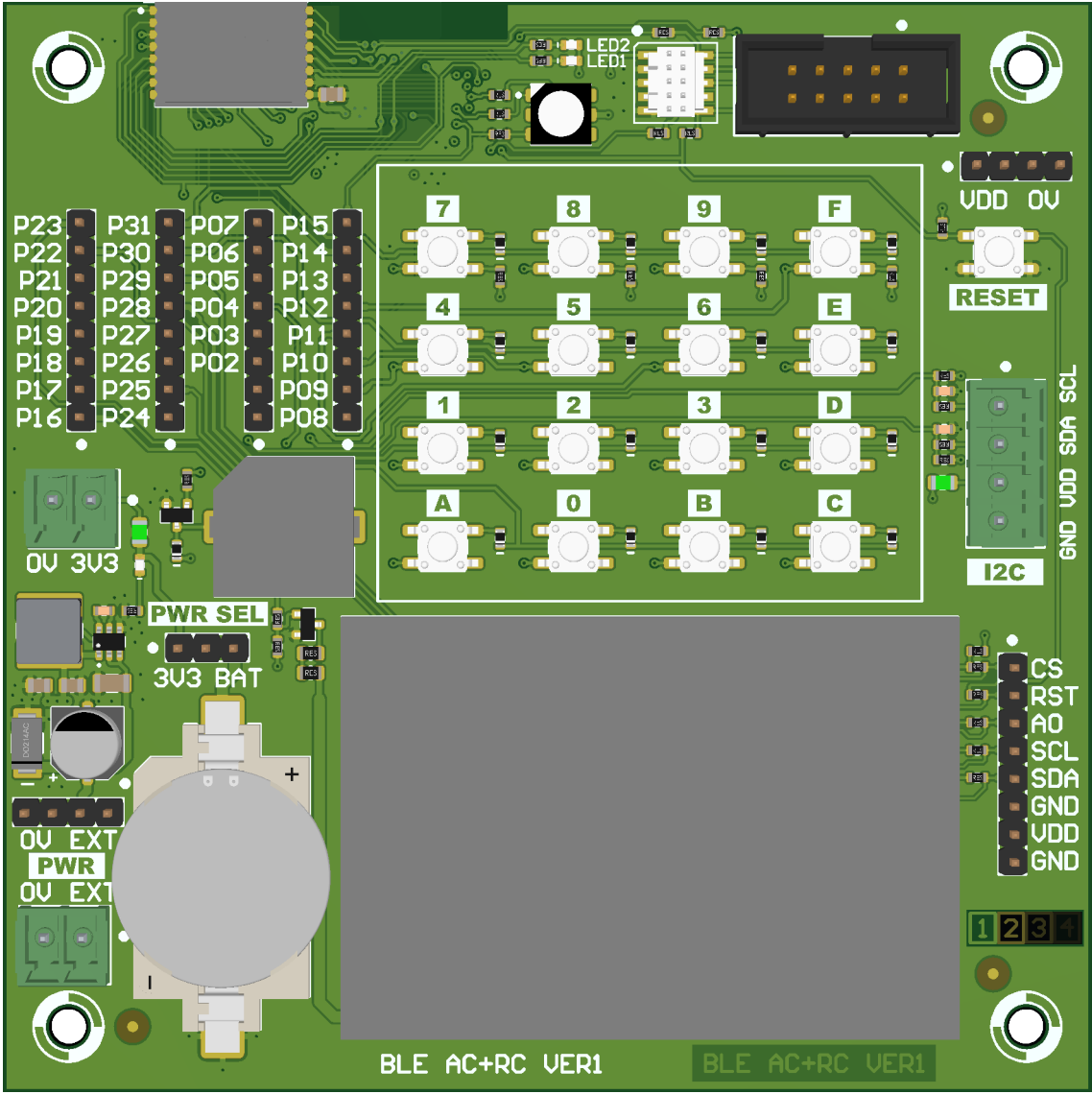
Drill drawing [TOP View]

Drill Table


Symbol	Count	Hole Size	Plated	Hole Tolerance
◇	211	0.30mm	Plated	None
○	65	1.00mm	Plated	None
◇	2	1.00mm	Non-Plated	None
□	2	1.30mm	Non-Plated	None
⊠	8	1.40mm	Plated	None
⊞	4	3.20mm	Non-Plated	None
	292 Total			

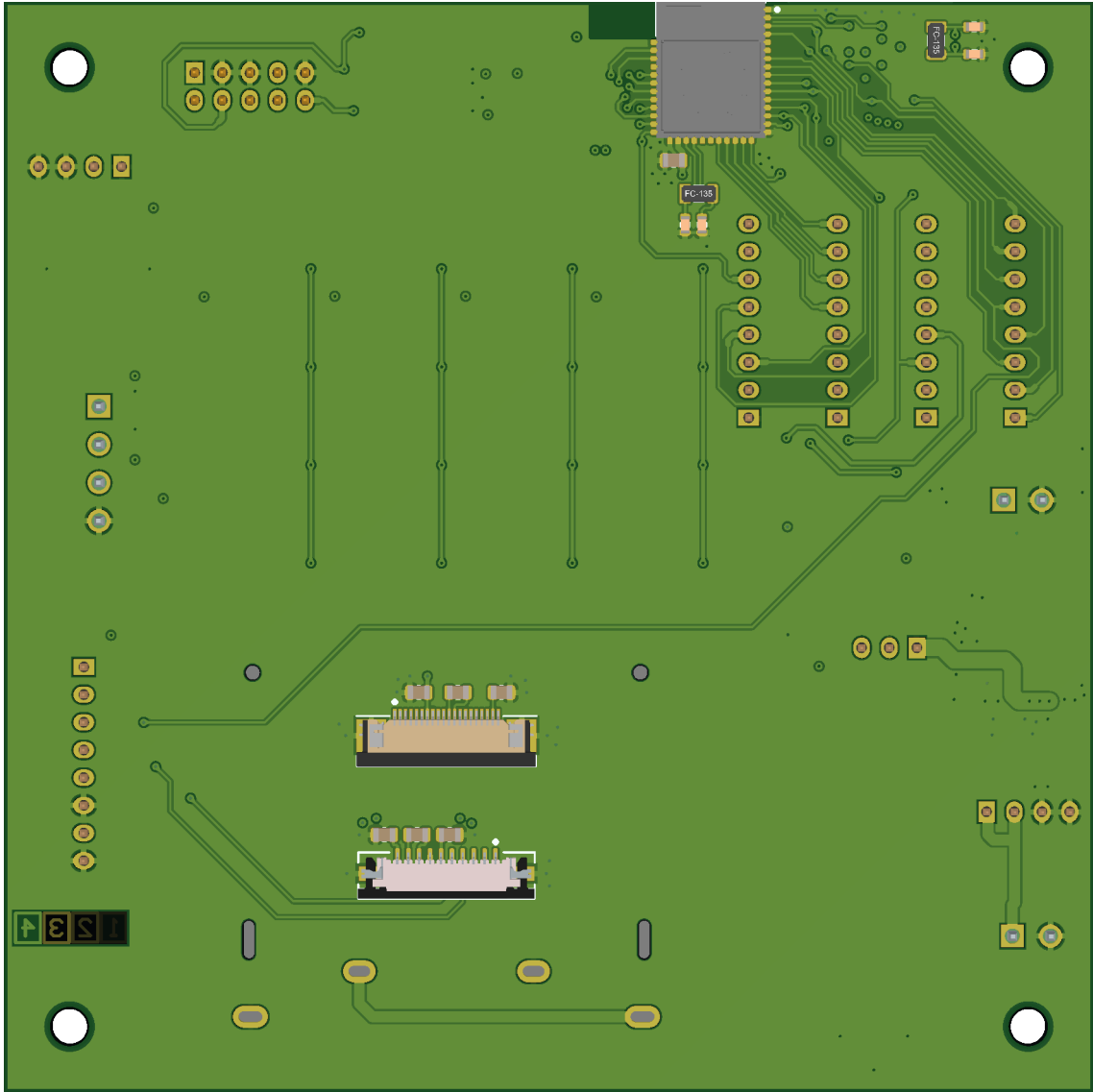
		Mirko Electronics Smoka Wawelskiego 1, 30-535 Kraków, Poland		Size A3
Title AC+RC Unit (BLE 5.0) Board				Version VER1
Project: AC+RC Unit (BLE 5.0)				Revision REV1
Variant: [All Variants]		Sheet: 7 / 11		
Drawn by: Mirosław Folejewski		Printed: 2021-03-27		
File Name: ac_rc_unit_VER1.PcbDoc				



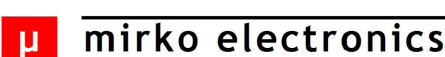


3D View [TOP]

		Mirko Electronics Smoka Wawelskiego 1, 30-535 Kraków, Poland		Size A3
Title AC+RC Unit (BLE 5.0) Board				Version VER1
Project: AC+RC Unit (BLE 5.0)				Revision REV1
Variant: [All Variants]		Sheet: 9 / 11		
Drawn by: Mirosław Folejewski		Printed: 2021-03-27		
File Name: ac_rc_unit_VER1.PcbDoc				




3D View [BOT]

		Mirko Electronics Smoka Wawelskiego 1, 30-535 Kraków, Poland		Size A3
Title AC+RC Unit (BLE 5.0) Board				Version VER1
Project: AC+RC Unit (BLE 5.0)		Sheet: 10 / 11		Revision REV1
Variant: [All Variants]		Printed: 2021-03-27		
Drawn by: Mirosław Folejewski				
File Name: ac_rc_unit_VER1.PcbDoc				

Required Layer Board Stackup

Material	Layer	Thickness	Dielectric Material	Type	Gerber
	Silkscreen [TOP]			Legend	GTO
Surface Material	Solder [TOP]	0.01mm	Solder Resist	Solder Mask	GTS
Copper	L1	0.03mm		Signal	GTL
		0.21mm	FR-4	Dielectric	
Copper	L2	0.02mm		Signal	G1
		1.00mm	FR-4	Dielectric	
Copper	L3	0.02mm		Signal	G2
		0.21mm	FR-4	Dielectric	
Copper	L4	0.03mm		Signal	GBL
Surface Material	Solder [BOT]	0.01mm	Solder Resist	Solder Mask	GBS
	Silkscreen [BOT]			Legend	GBO
Total thickness: 1.54mm					

 mirko electronics		Mirko Electronics Smoka Wawelskiego 1, 30-535 Kraków, Poland	Size A3
Title AC+RC Unit (BLE 5.0) Board			Version VER1
Project: AC+RC Unit (BLE 5.0)			Revision REV1
Variant: [All Variants]		Sheet: 11 / 11	
Drawn by: Mirosław Folejewski		Printed: 2021-03-27	
File Name: ac_rc_unit_VER1.PcbDoc			