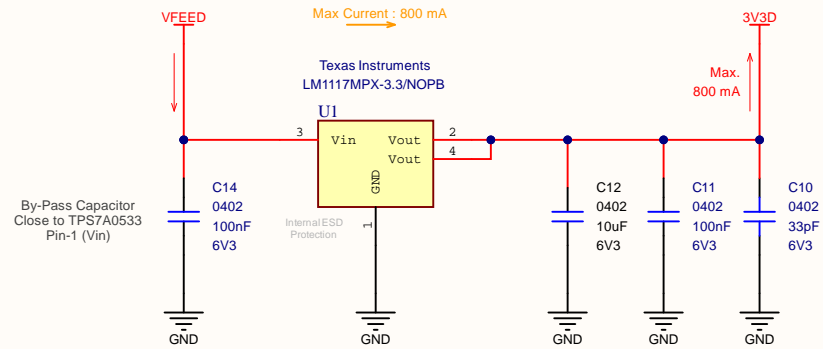

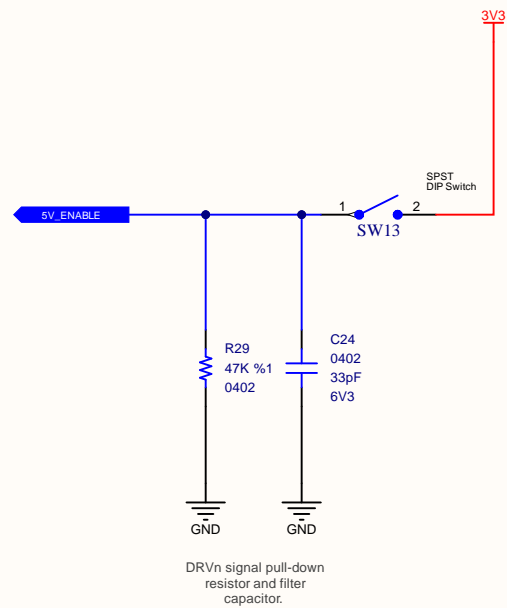


3V3 LDO Regulator



Title 3V3 LDO Regulator			Ovoo Electronics		
			Necip Fazıl Mah. Ortarmak Sok. Bırgölü Apt. No: 19/6 Meram / Konya Türkiye		
Size: A4	Number: AA001	Revision: B100AA Dev Kit			
Date: 24.02.2021	Time: 12:59:50	Sheet of			
File: C:\Altium Projects\B100\AA\Design Files\B100AA Development Kit\Schematic\3V3 LDO Regulator.SchDoc					

5V Enable



Title 5V Enable Switch

Ovoo Electronics

Size: A4

Number: AA001

Revision: B100AA Dev Kit

Necip Fazıl Mah. Ortarmak Sok.
Bırgölü Apt. No: 19/6
Meram / Konya
Türkiye

Date: 24.02.2021

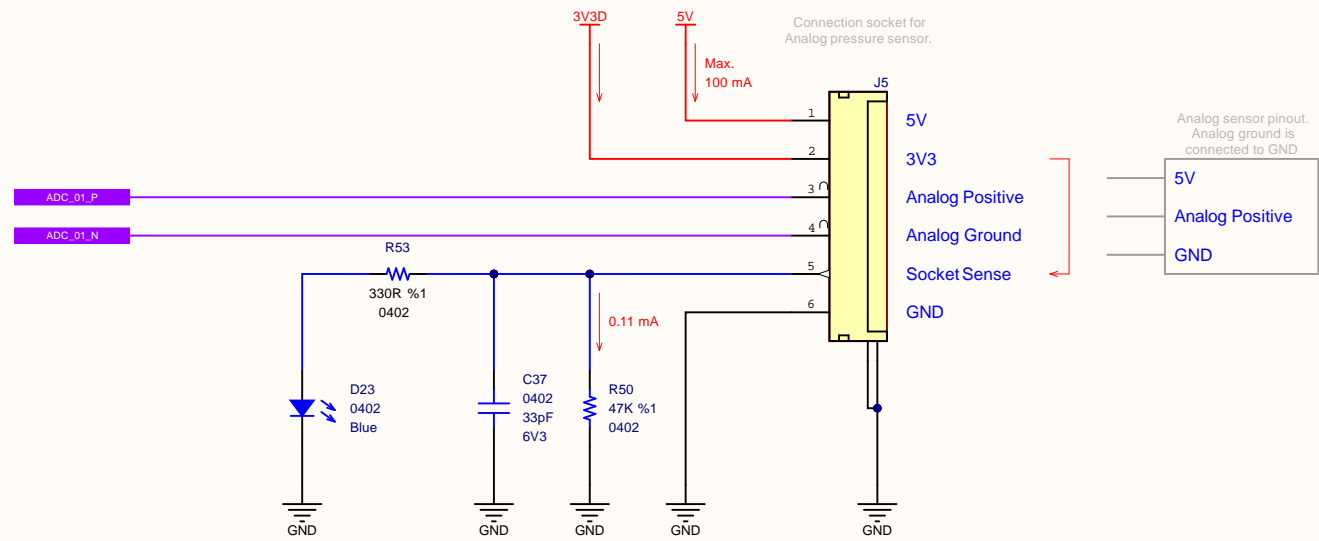
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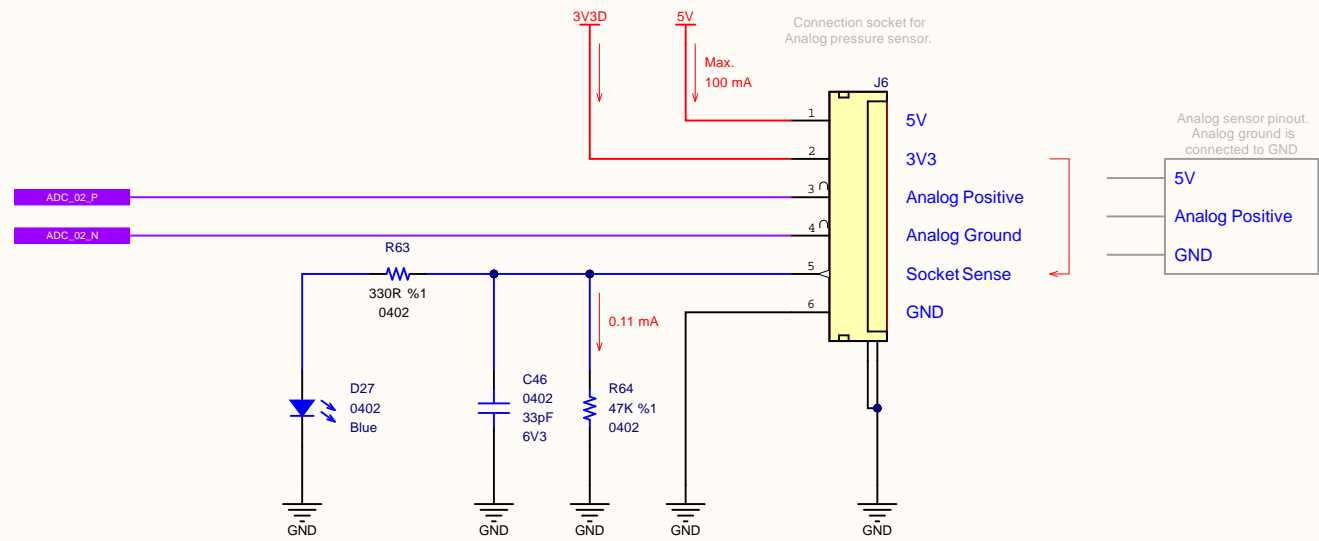
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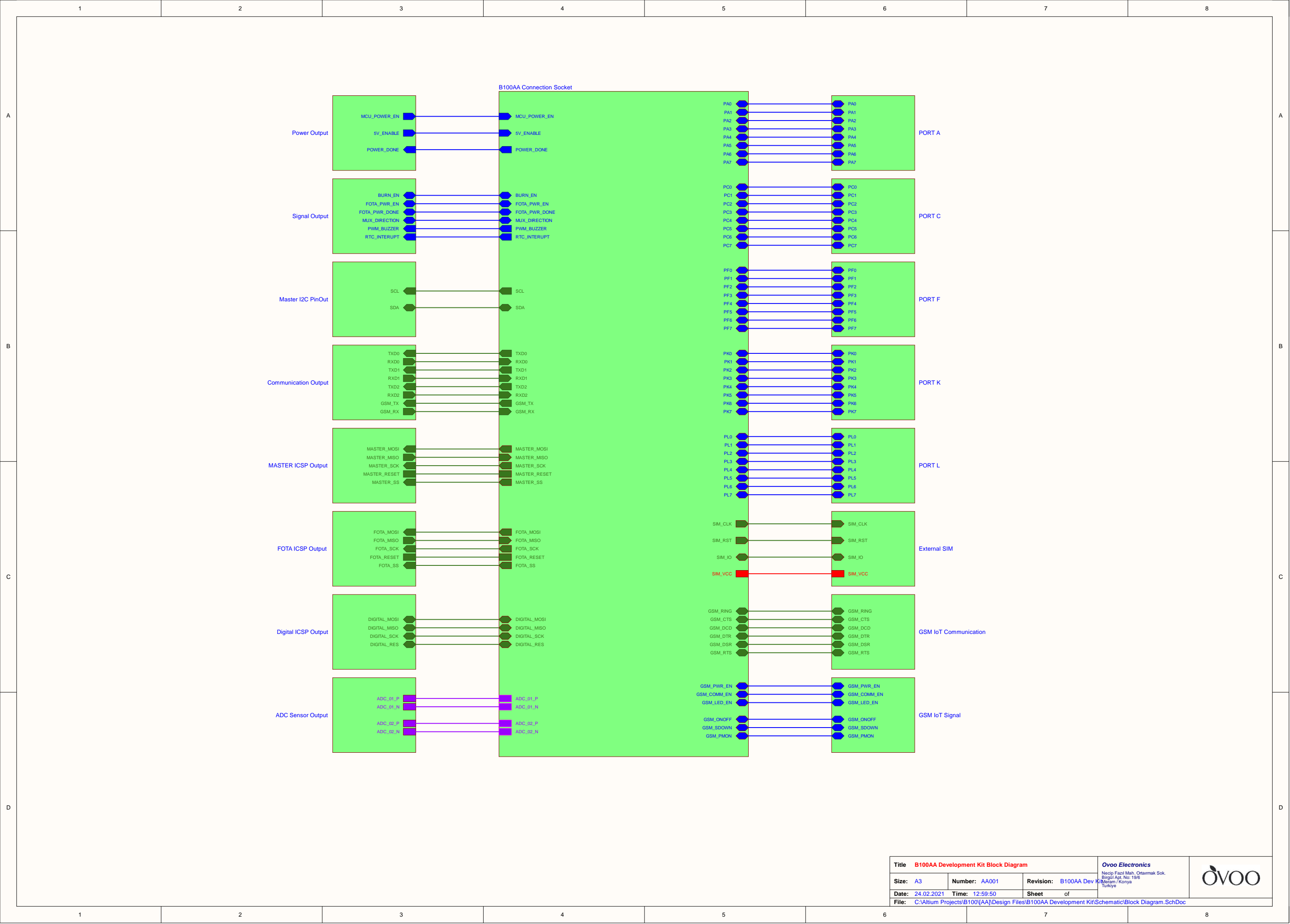


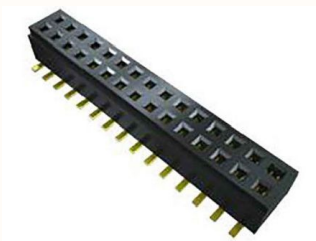
Analogue Sensor Output Socket 1



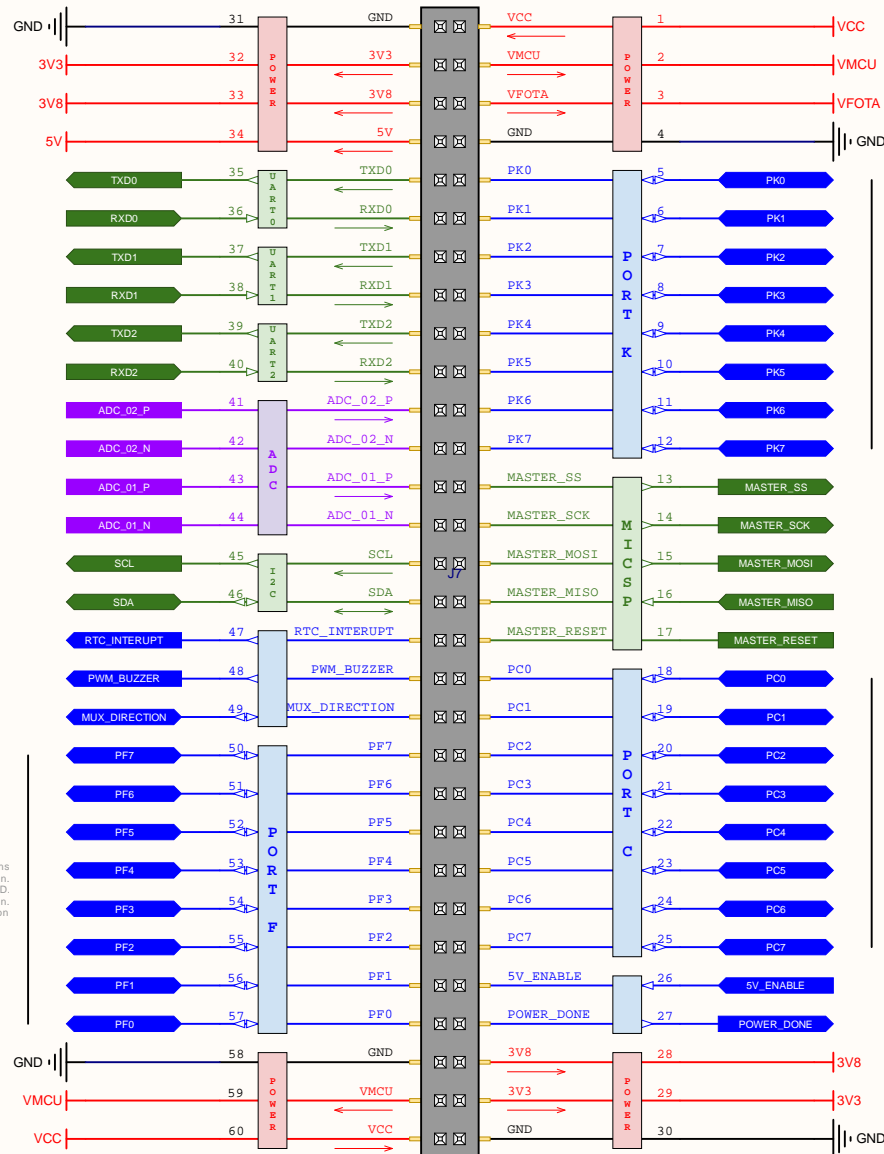
Analogue Sensor Output Socket 2







B100 Input Socket A



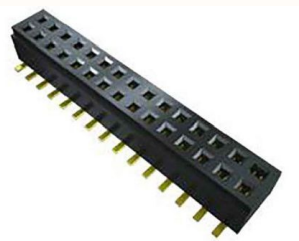
Samtec
CLP-130-02-F-D

Digital I/O Pins
All pins have PU/PD selection.
All pins have states LED.
All pins have button.
All pins have button state selection.

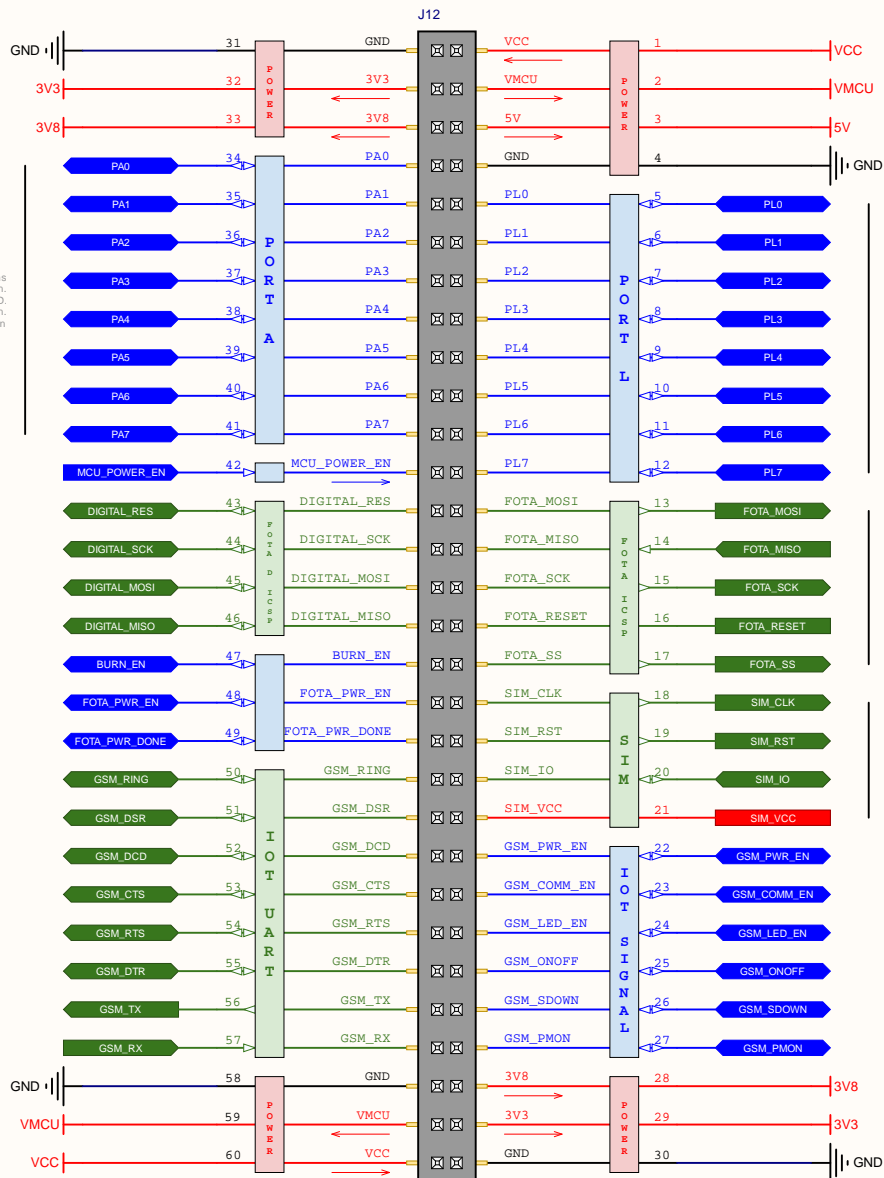
Digital I/O Pins
All pins have PU/PD selection.
All pins have states LED.
All pins have button.
All pins have button state selection.

Digital I/O Pins
All pins have PU/PD selection.
All pins have states LED.
All pins have button.
All pins have button state selection.

Digital I/O Pins
All pins have PU/PD selection.
All pins have states LED.
All pins have button.
All pins have button state selection.



B100 Input Socket B



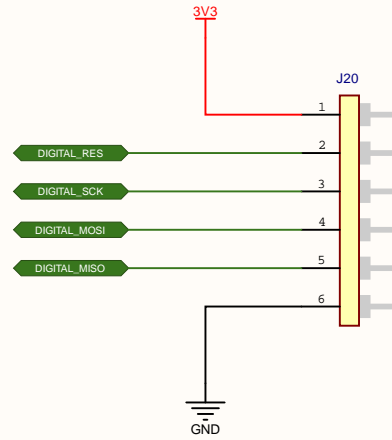
Samtec
CLP-130-02-F-D


Digital I/O Pins
All pins have PU/PD selection.
All pins have states LED.
All pins have button.
All pins have button state selection.

FOTA ICSP Pins.
Reset Pin Have Button.

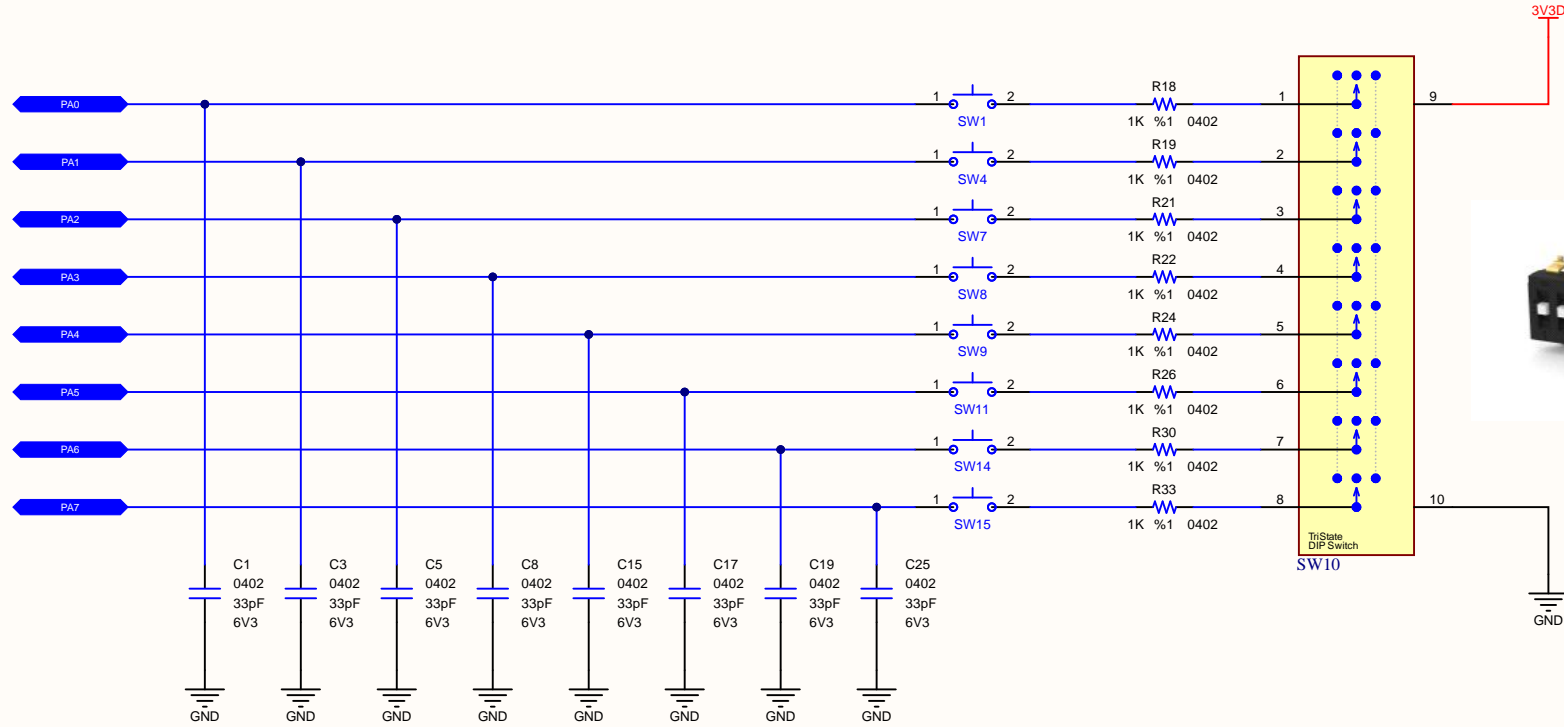
SIM Pins.
External SIM Slot

Digital ICSP test Points

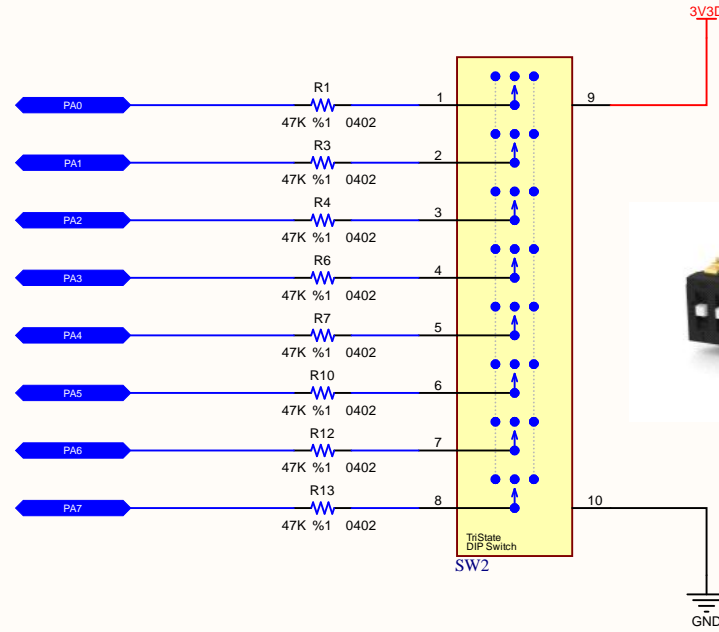


Title Digital ICSP Outputs			Ovoo Electronics Necip Fazıl Mah. Ortarmak Sok. Bırgölü Apt. No: 19/6 Meram / Konya Türkiye		
Size: A4	Number: AA001	Revision: B100AA Dev Kit			
Date: 24.02.2021	Time: 12:59:50	Sheet of			
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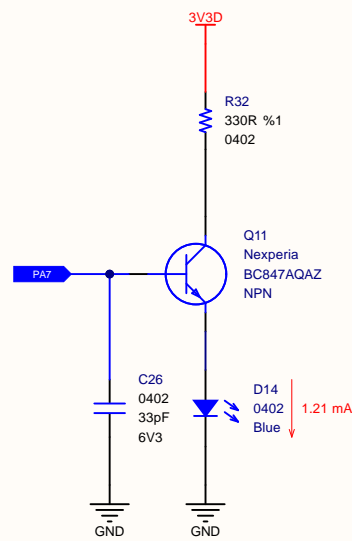
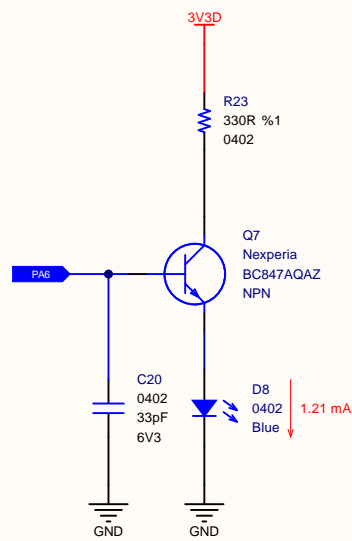
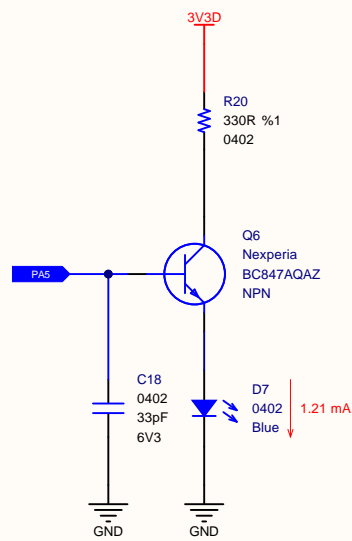
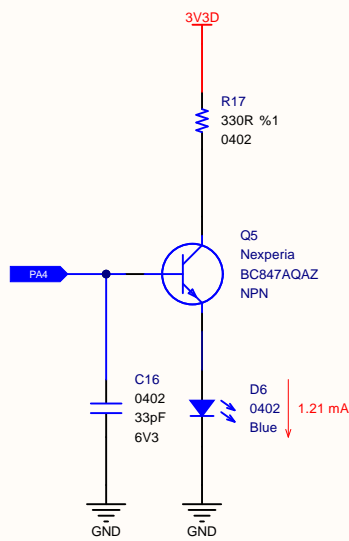
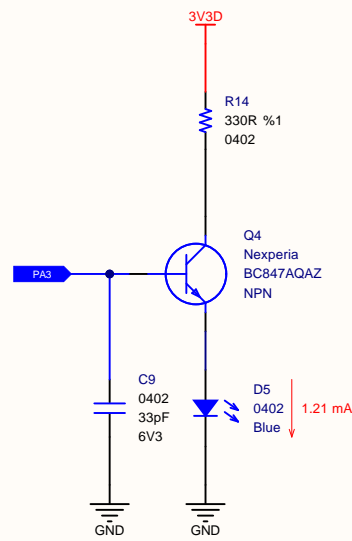
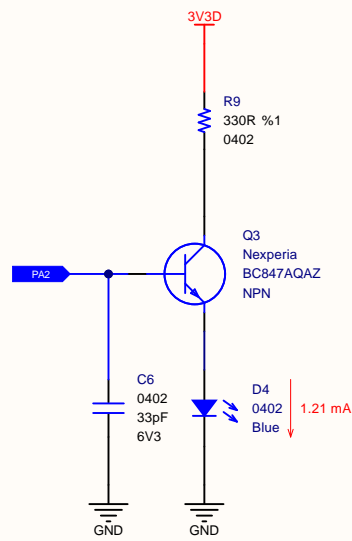
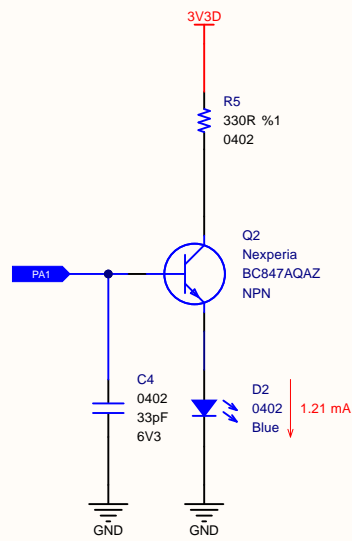
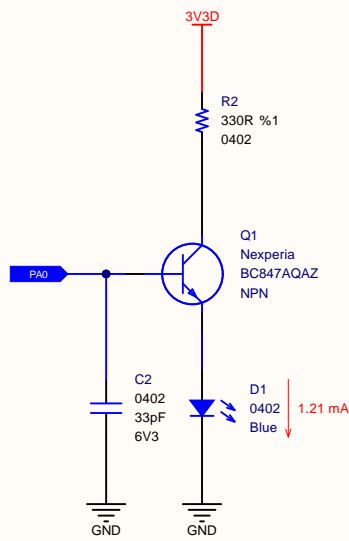
Digital Pin Default State Selection DIP



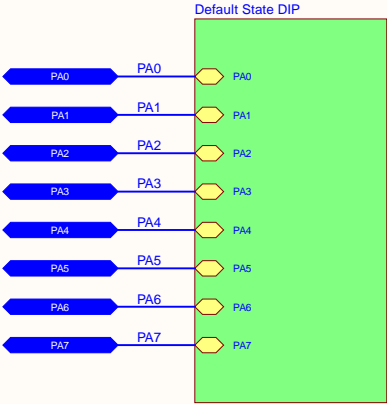
Digital Pin Default State Selection DIP



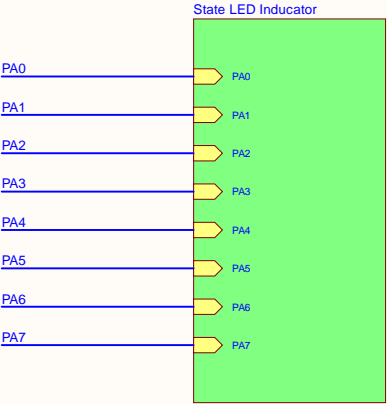
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Size: A4			Necip Fazıl Mah. Ortarmak Sok. Bırgölü Apt. No: 19/6 Meram / Konya Türkiye	
Date: 24.02.2021			Revision: B100AA Dev Kit	
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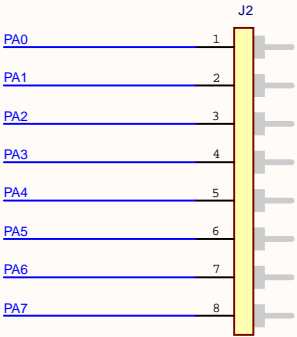
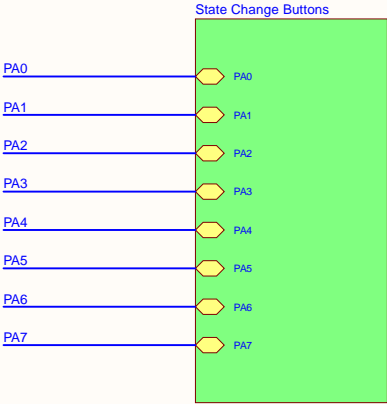
Digital Pin Default State Selection DIP



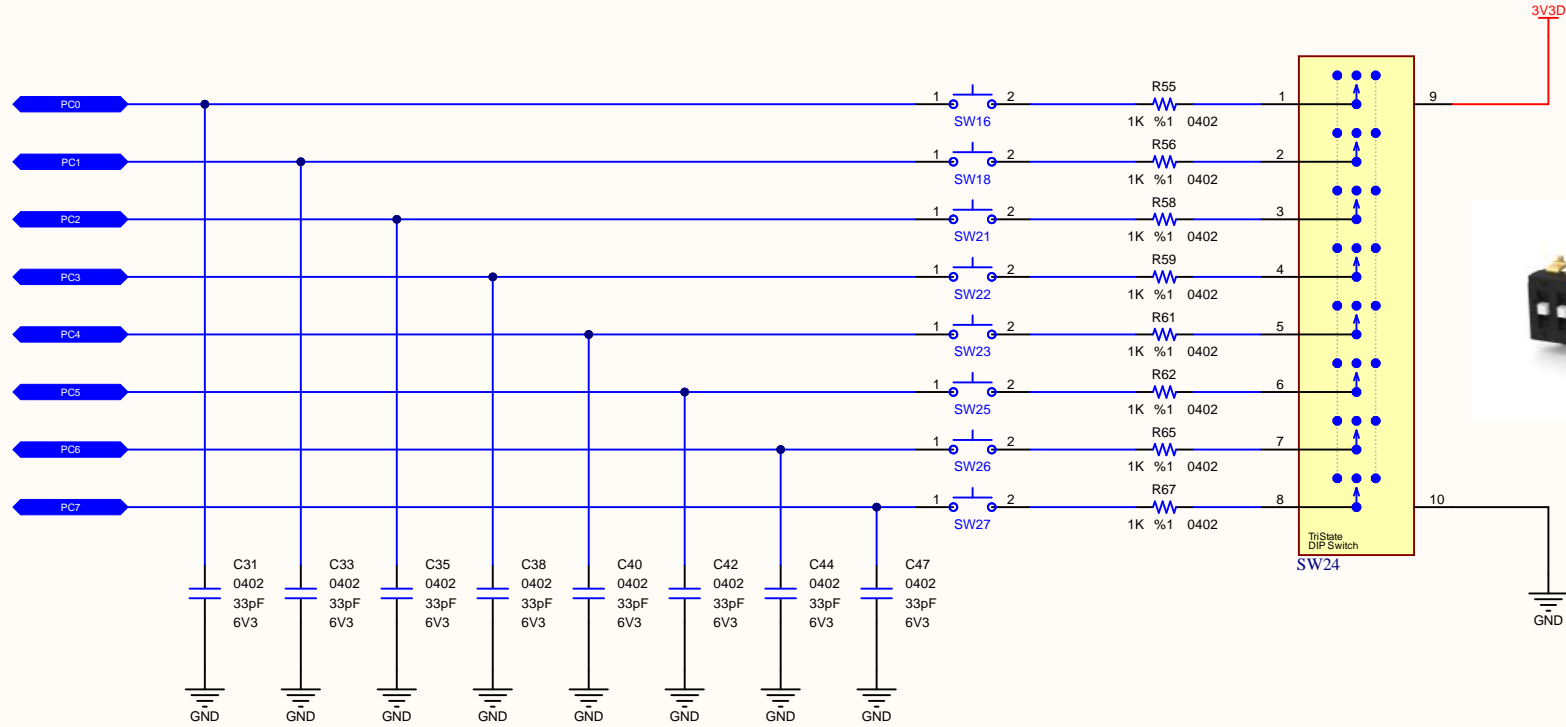
Digital Pin State LED Inducator



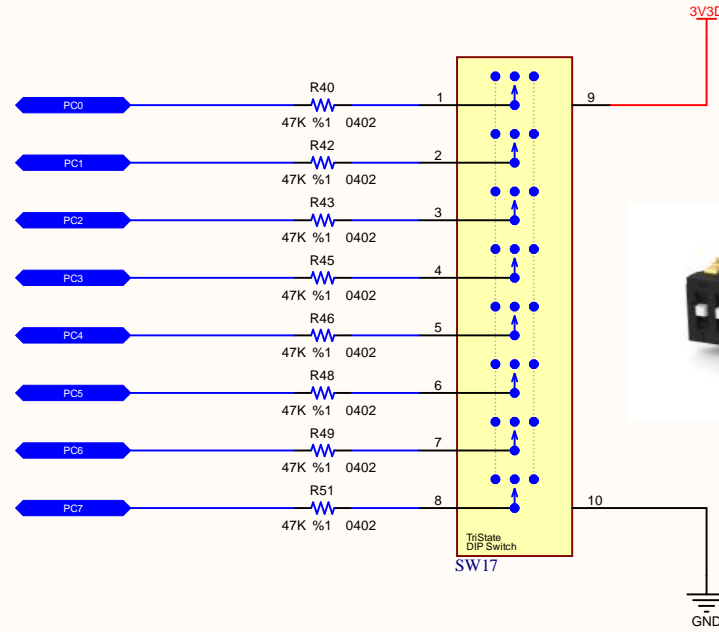
Digital Pin State Change Switch




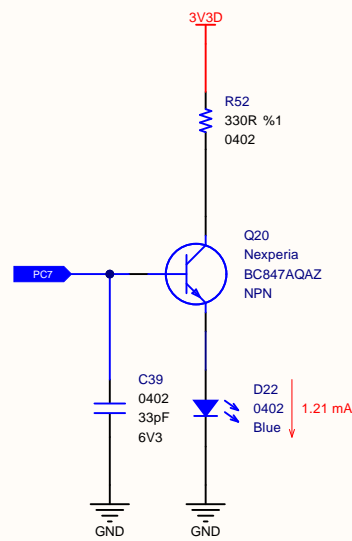
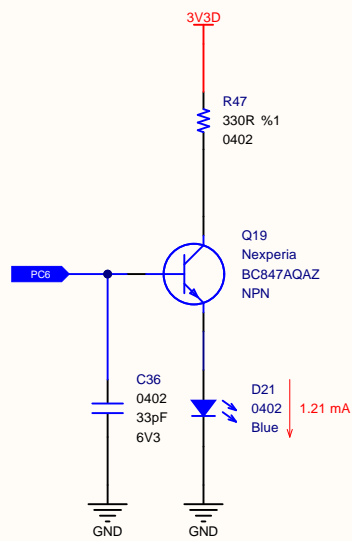
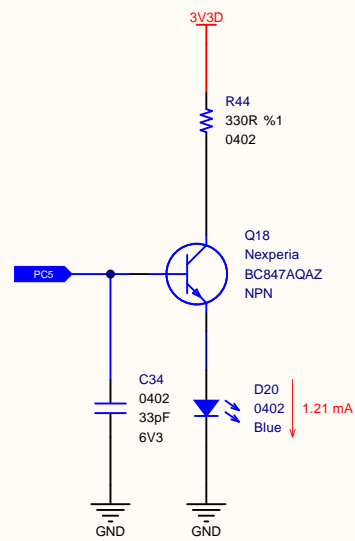
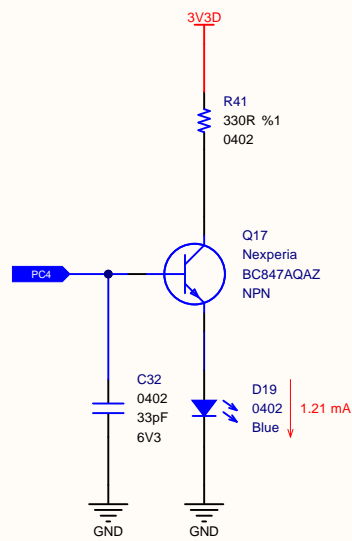
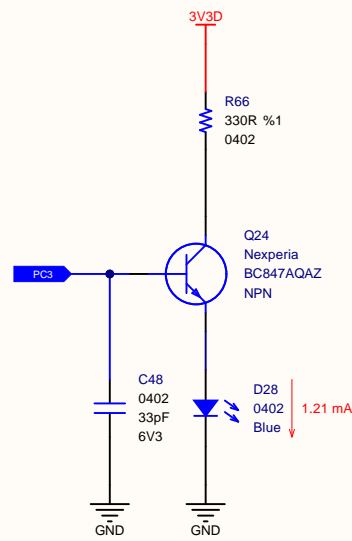
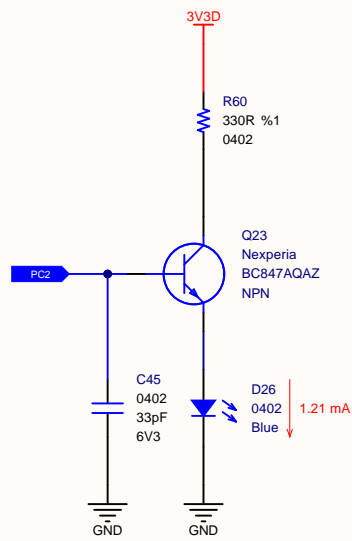
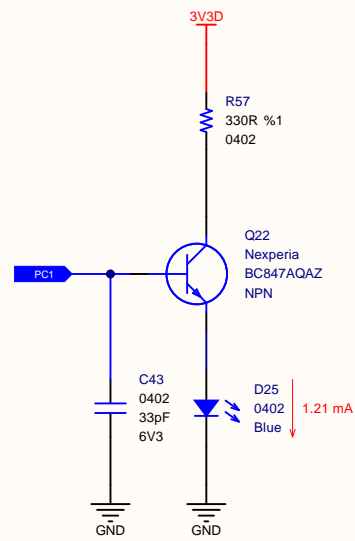
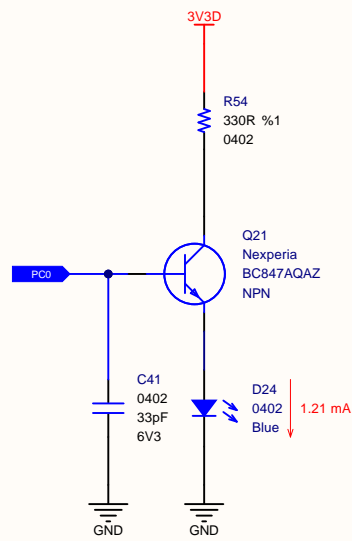
Digital Pin Default State Selection DIP



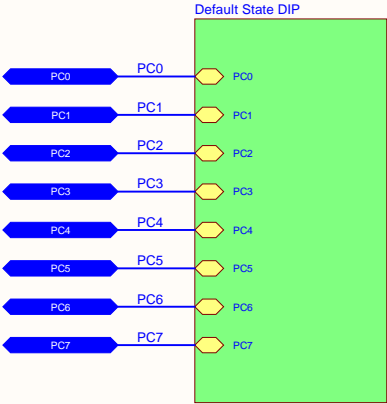
Digital Pin Default State Selection DIP



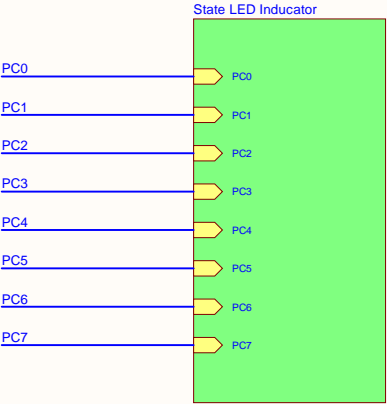
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Size: A4		Number: AA001	Revision: B100AA Dev Kit		Necip Fazıl Mah. Ortarmak Sok. Bırgölü Apt. No: 19/6 Meram / Konya Türkiye		
Date: 24.02.2021		Time: 12:59:51	Sheet		of		
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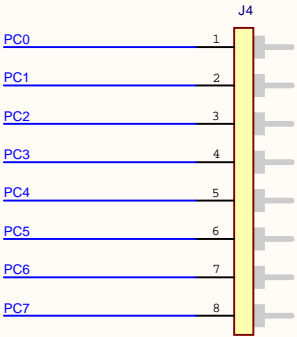
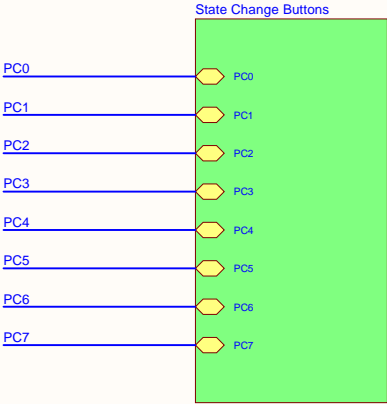
Digital Pin Default State Selection DIP



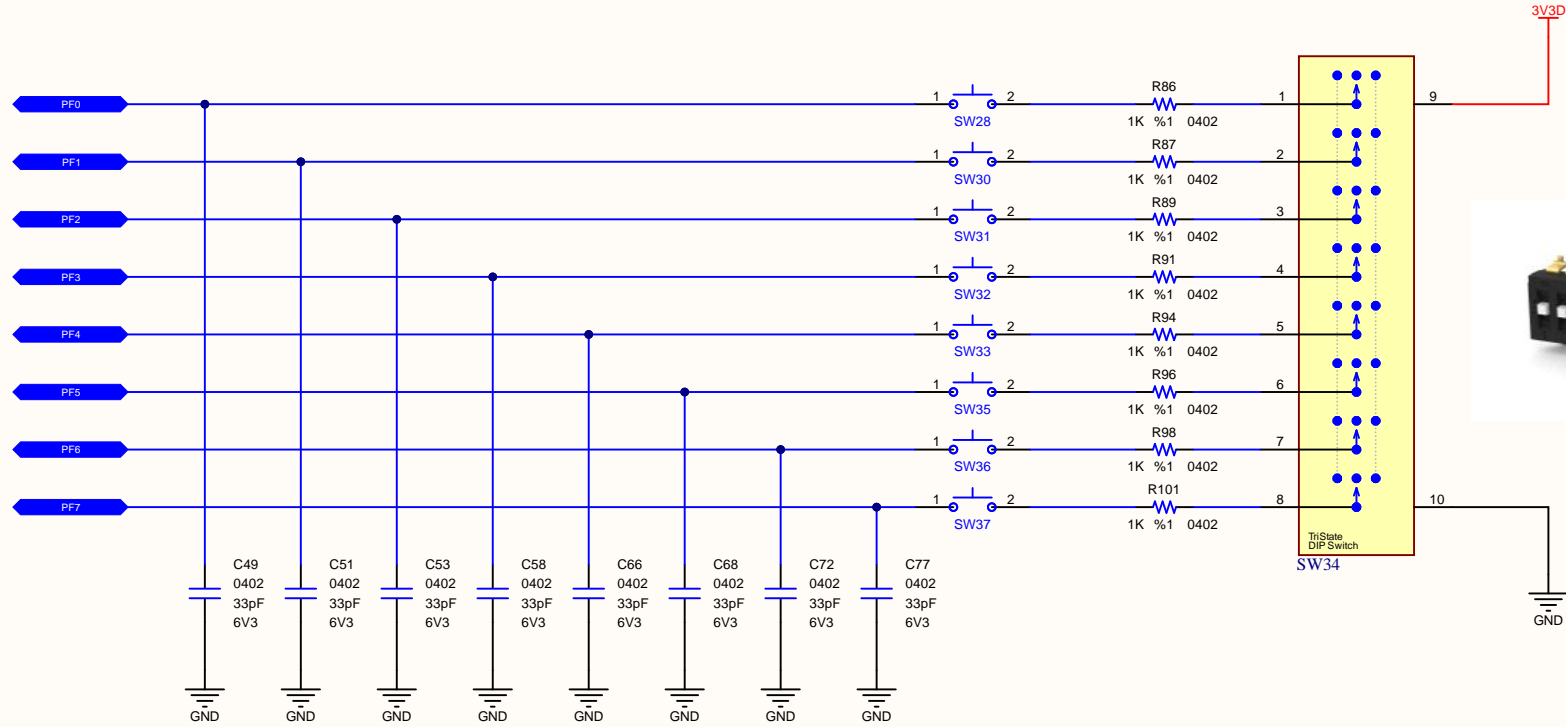
Digital Pin State LED Inducator



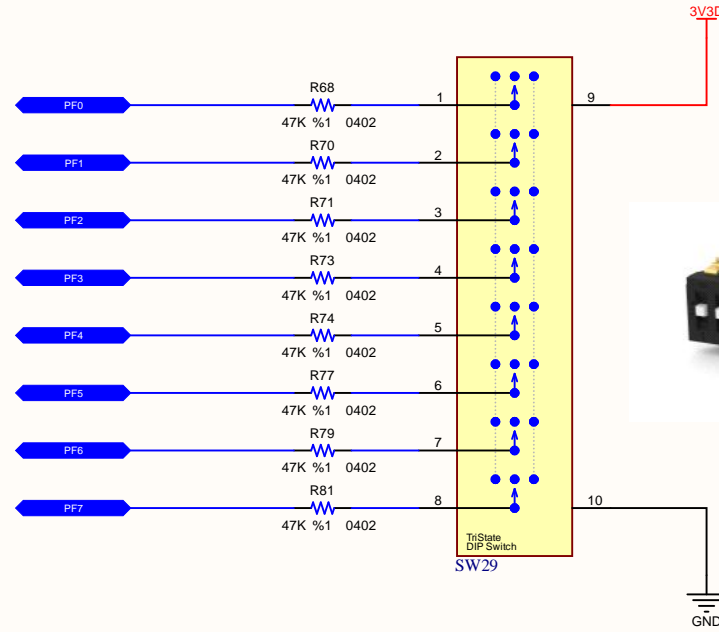
Digital Pin State Change Switch




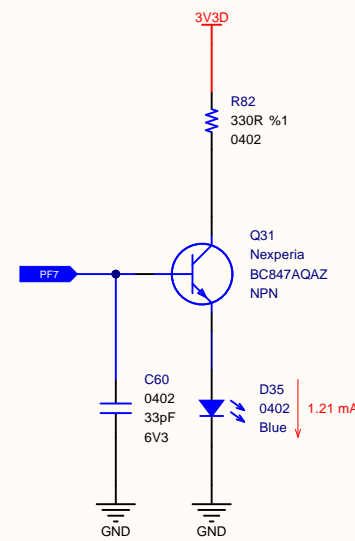
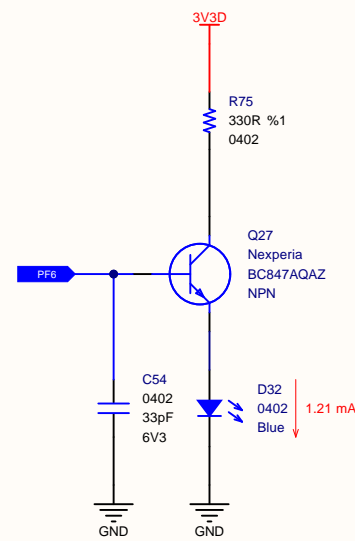
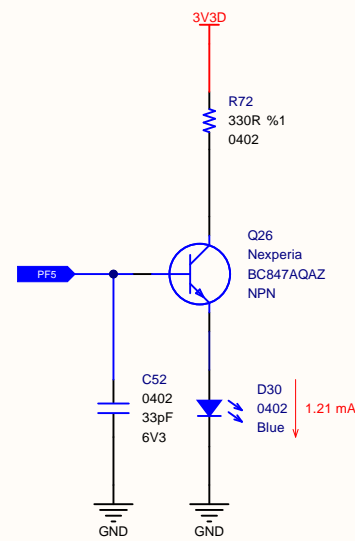
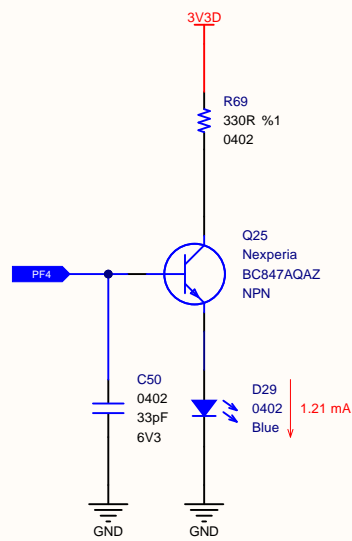
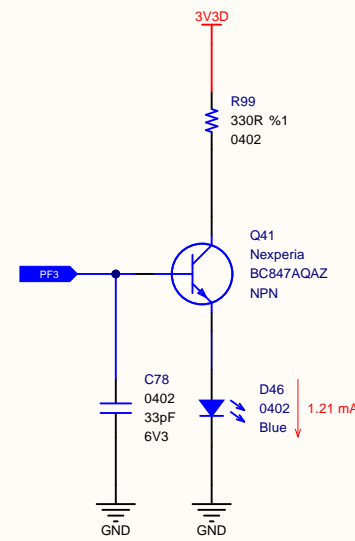
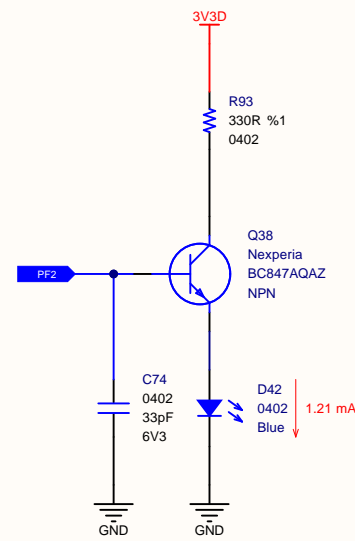
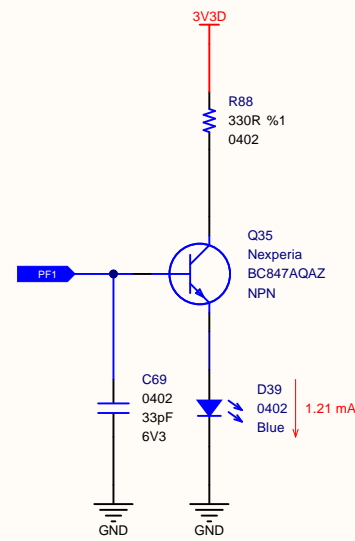
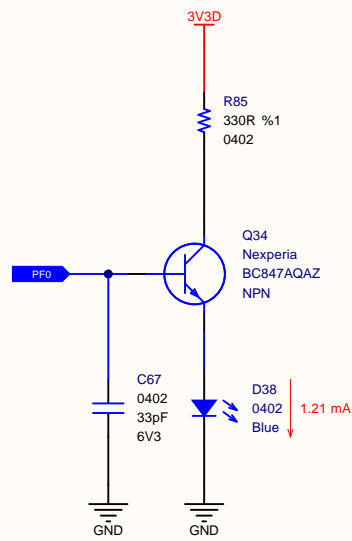
Digital Pin Default State Selection DIP



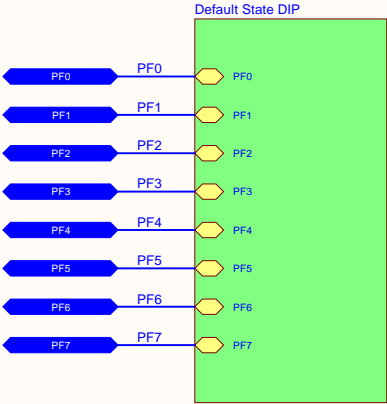
Digital Pin Default State Selection DIP



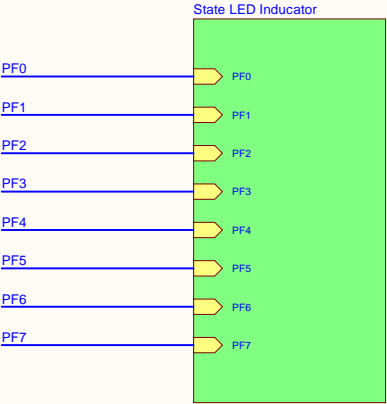
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Size: A4		Number: AA001	Revision: B100AA Dev Kit		Necip Fazıl Mah. Ortarmak Sok. Bırgölü Apt. No: 19/6 Meram / Konya Türkiye		
Date: 24.02.2021		Time: 12:59:51	Sheet		of		
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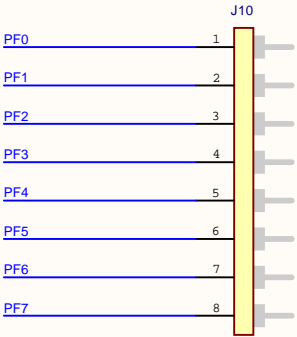
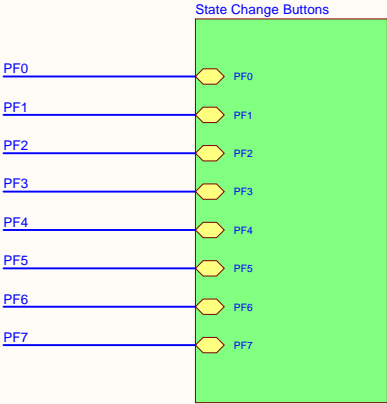
Digital Pin Default State Selection DIP



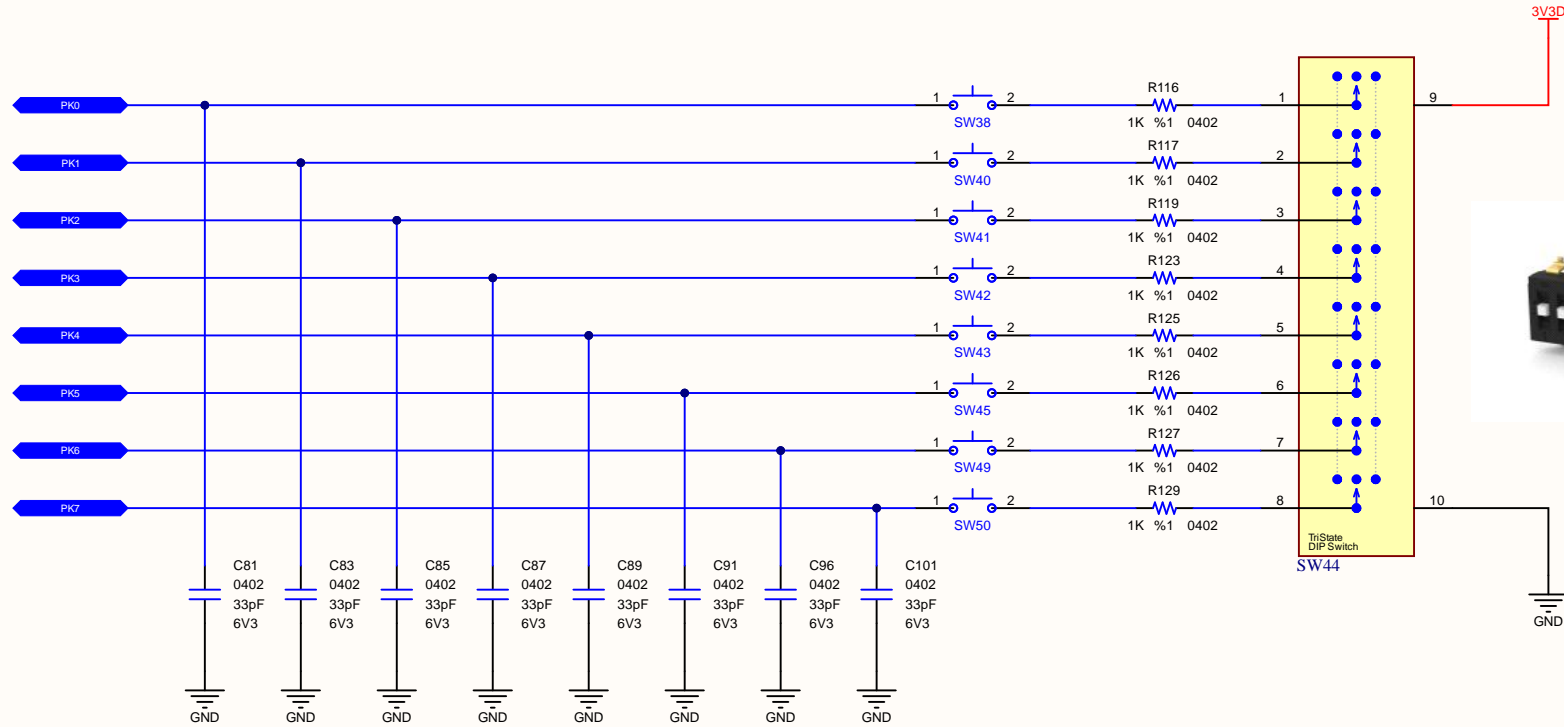
Digital Pin State LED Inducator



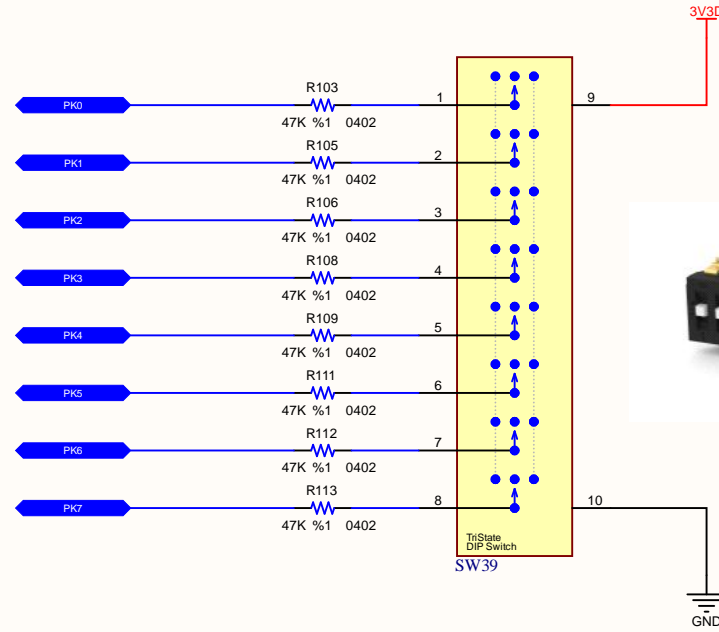
Digital Pin State Change Switch




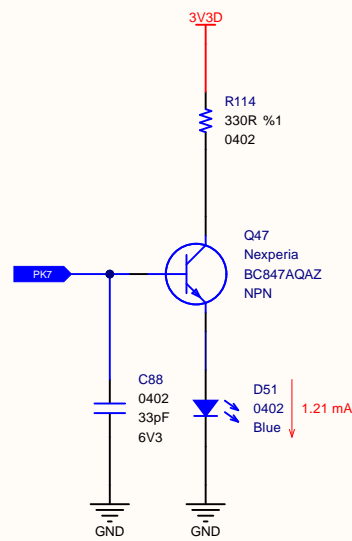
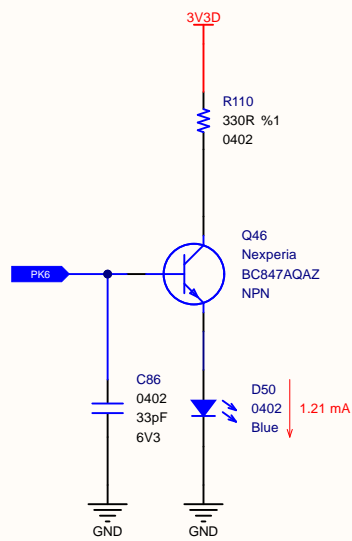
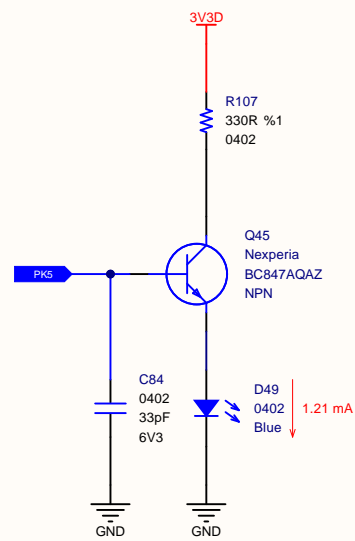
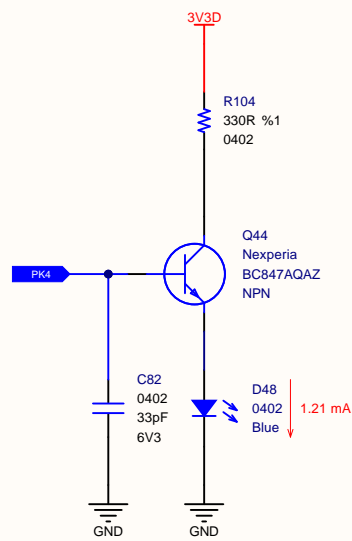
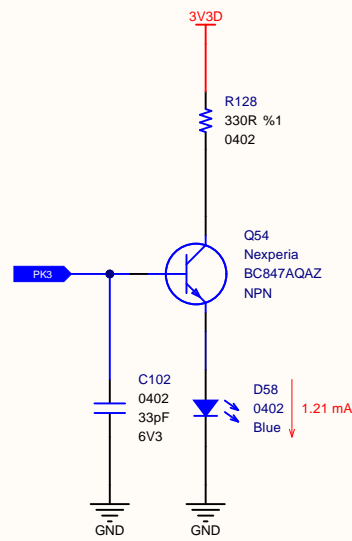
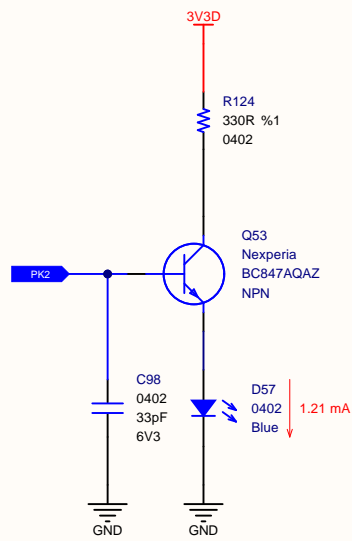
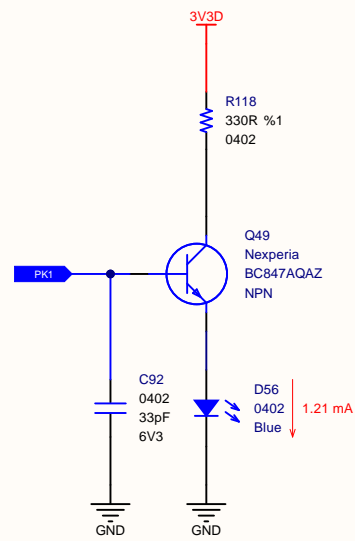
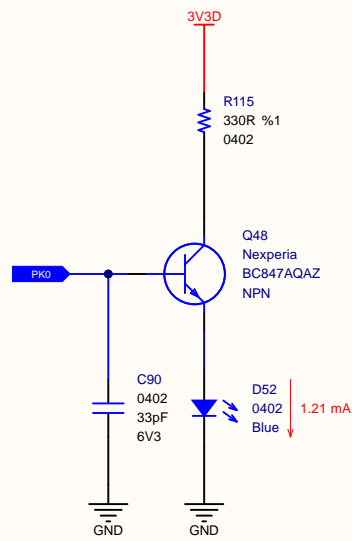
Digital Pin Default State Selection DIP



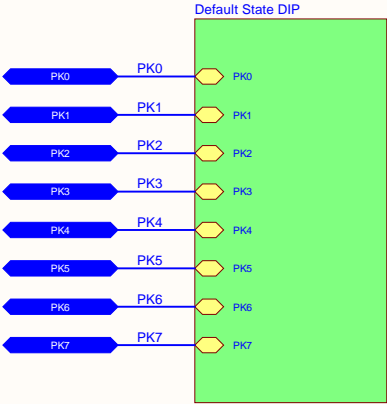
Digital Pin Default State Selection DIP



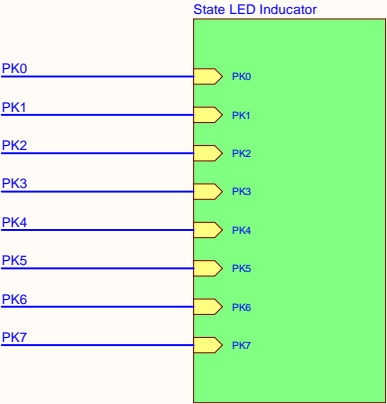
Title PORT K Default State Selection Switch			Ovoo Electronics Necip Fazıl Mah. Ortarmak Sok. Bırgölü Apt. No: 19/6 Meram / Konya Türkiye		
Size: A4	Number: AA001	Revision: B100AA Dev Kit			
Date: 24.02.2021	Time: 12:59:52	Sheet 1 of 1			
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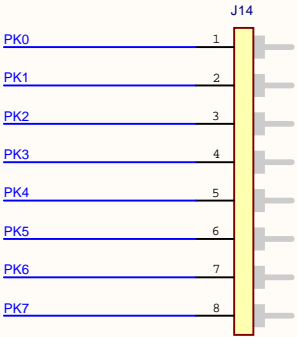
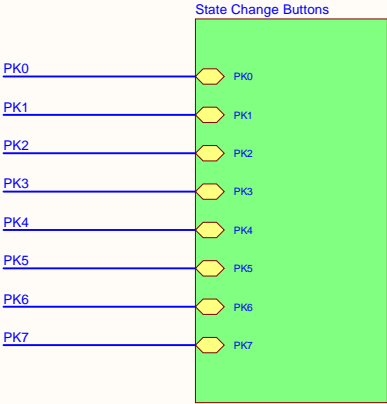
Digital Pin Default State Selection DIP

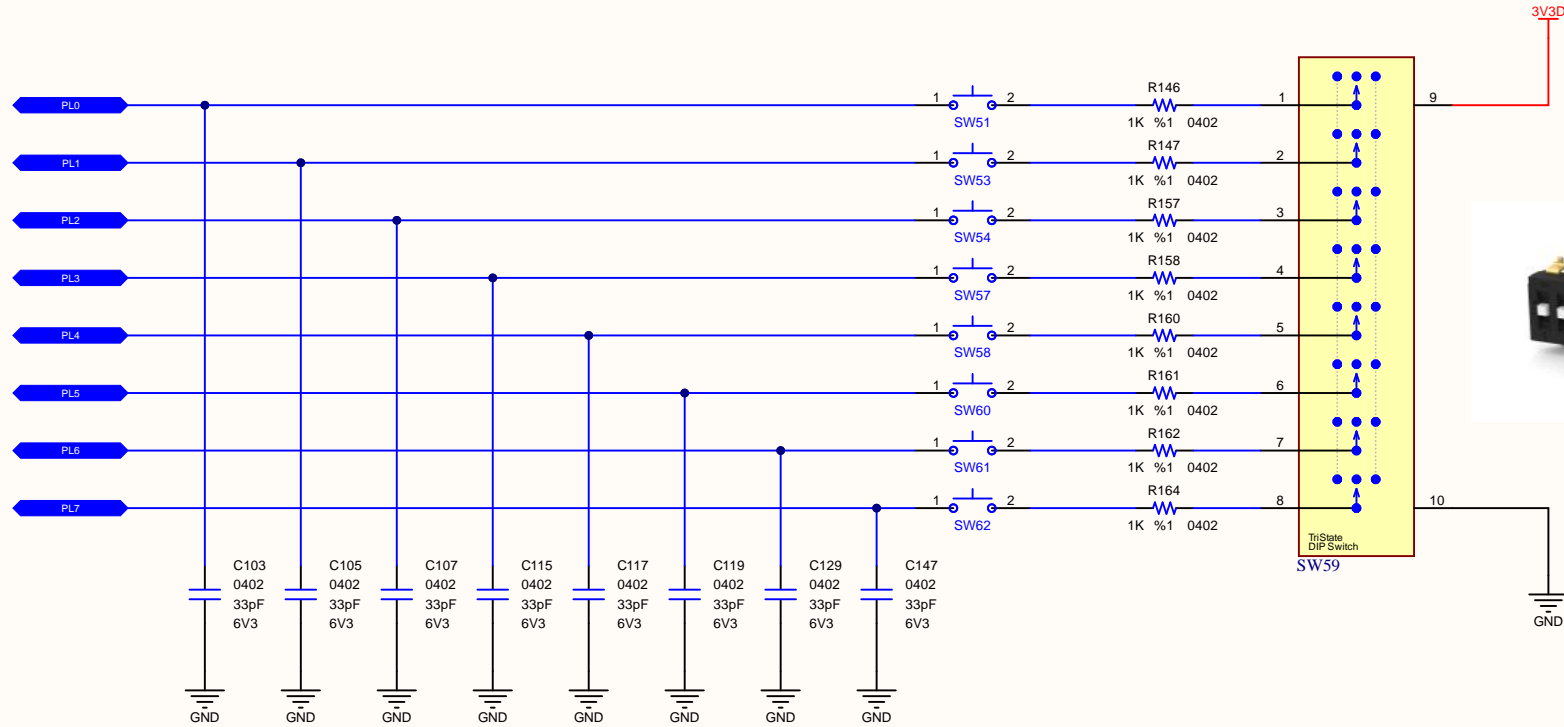


Digital Pin State LED Inducator



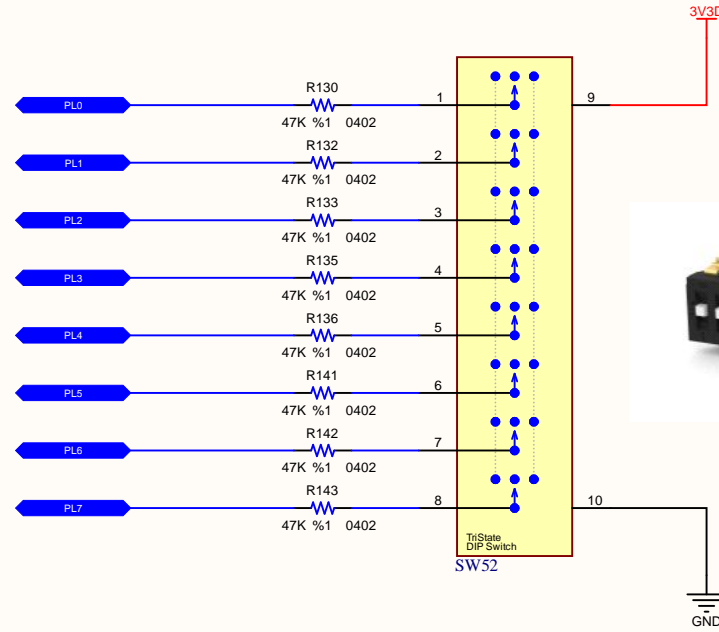
Digital Pin State Change Switch




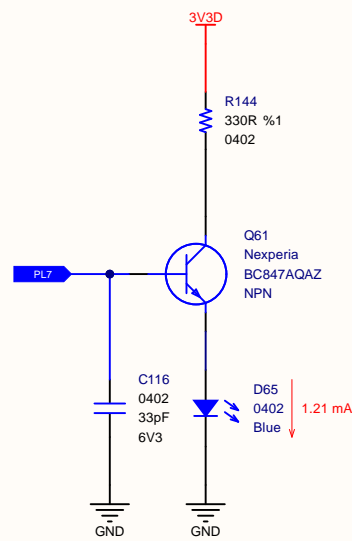
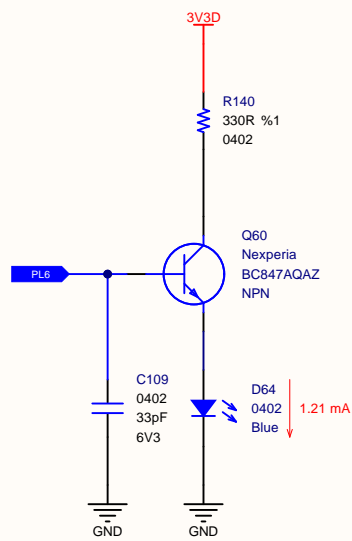
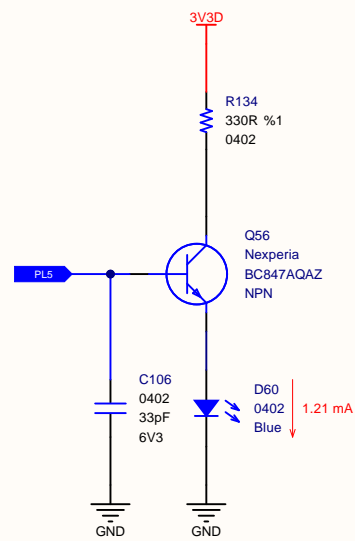
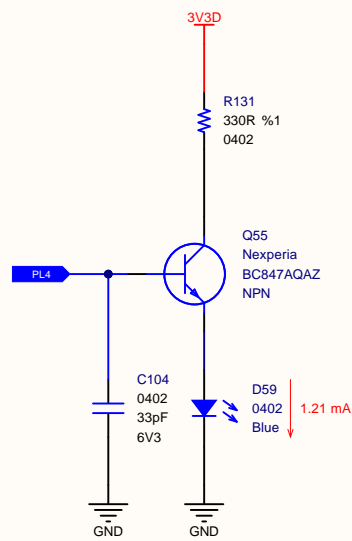
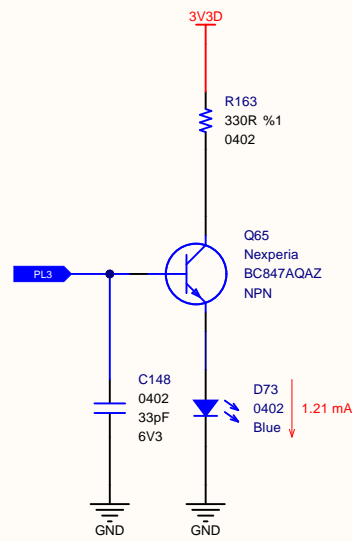
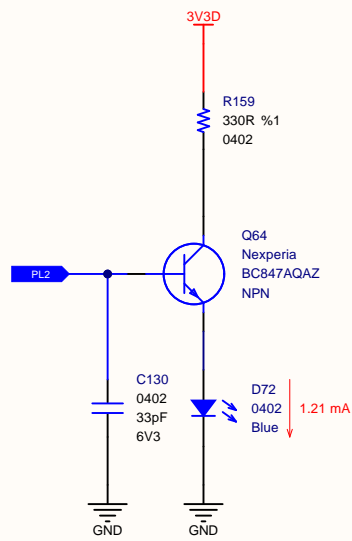
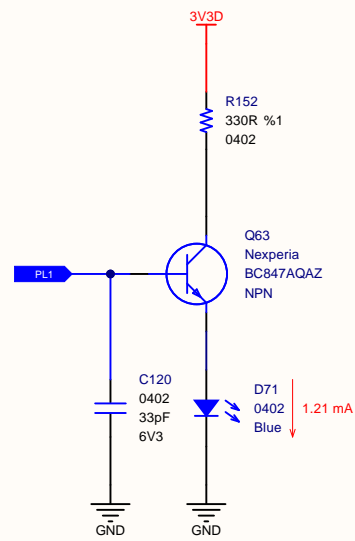
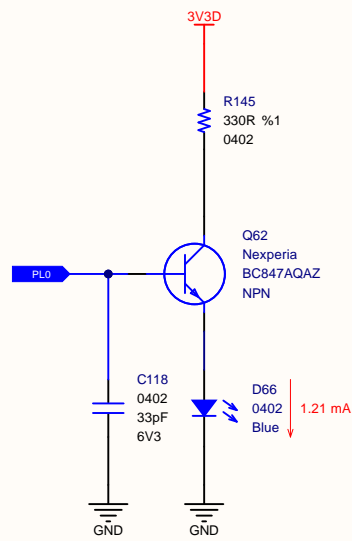
Digital Pin Default State Selection DIP**Title** PORT State Change Buttons**Size:** A4**Number:** AA001**Revision:** B100AA Dev Kit**Date:** 24.02.2021**Time:** 12:59:52**Sheet** of**File:** C:\Altium Projects\B100\AA\Design Files\B100AA Development Kit\Schematic\Digital Port L Button.SchDoc**Ovoo Electronics**Necip Fazıl Mah. Ortarmak Sok.
Bırgölü Apt. No: 19/6
Meram / Konya
Türkiye

OVOO

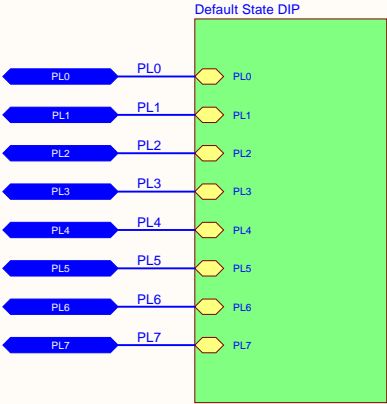
Digital Pin Default State Selection DIP



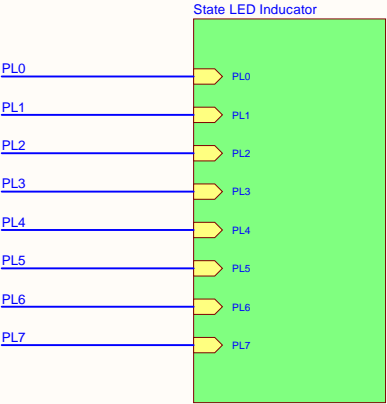
Title PORT L Default State Selection Switch			Ovoo Electronics Necip Fazıl Mah. Ortarmak Sok. Bırgölü Apt. No: 19/6 Meram / Konya Türkiye		
Size: A4	Number: AA001	Revision: B100AA Dev Kit			
Date: 24.02.2021	Time: 12:59:52	Sheet 1 of 1			
File: C:\Altium Projects\B100\AA\Design Files\B100AA Development Kit\Schematic\Digital Port L Default State DIP.SchDoc					



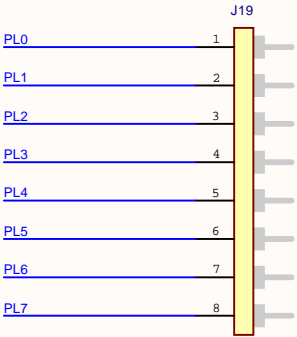
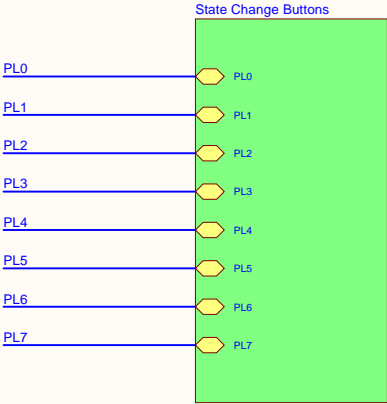
Digital Pin Default State Selection DIP



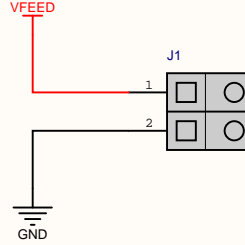
Digital Pin State LED Inducator




Digital Pin State Change Switch



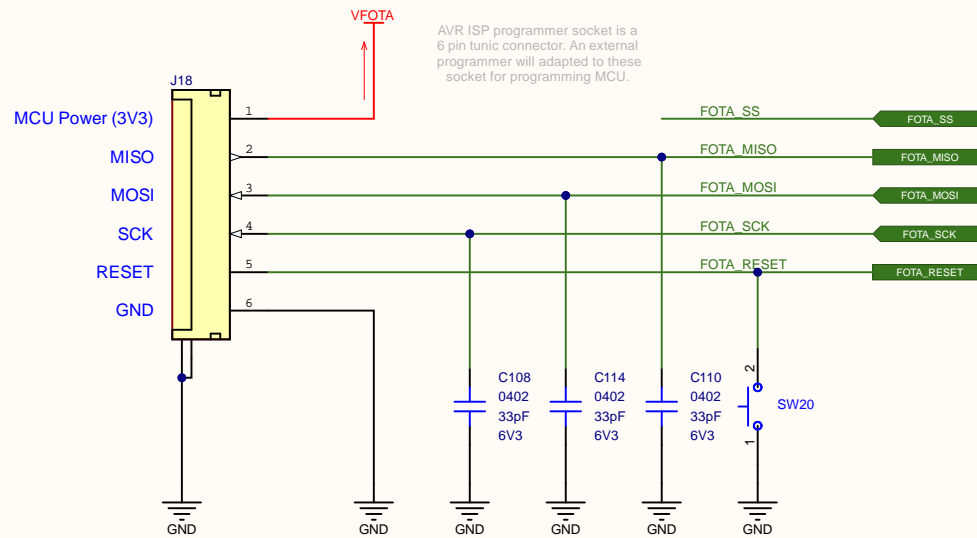
External Power Feed



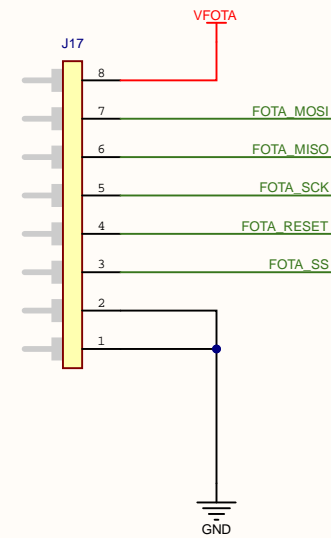
Manufacturer : CUI Devices
Screw Type : Screwless
Position : 2
Pitch : 3.5 mm
Orientation : 45 Degree
Wire Gauge : 24 - 20 AWG
Terminal Color :
Button Color :

Title External Power Feed			Ovoo Electronics Necip Fazıl Mah. Ortarmak Sok. Bırgöl Apt. No: 19/6 Meram / Konya Türkiye		
Size: A4	Number: AA001	Revision: B100AA Dev Kit			
Date: 24.02.2021	Time: 12:59:52	Sheet of			
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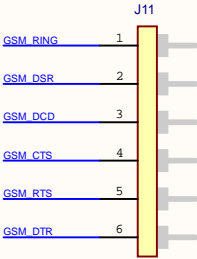
FOTA MCU ICSP Socket

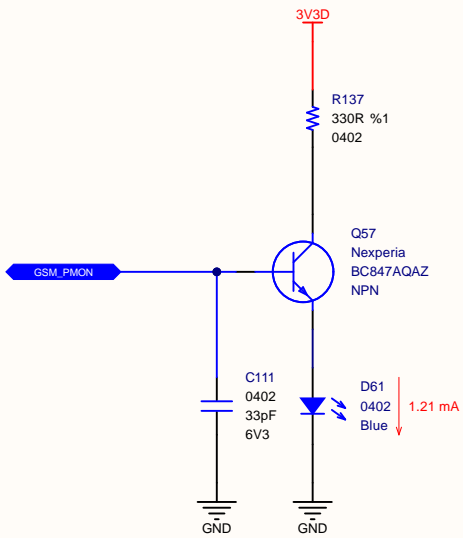
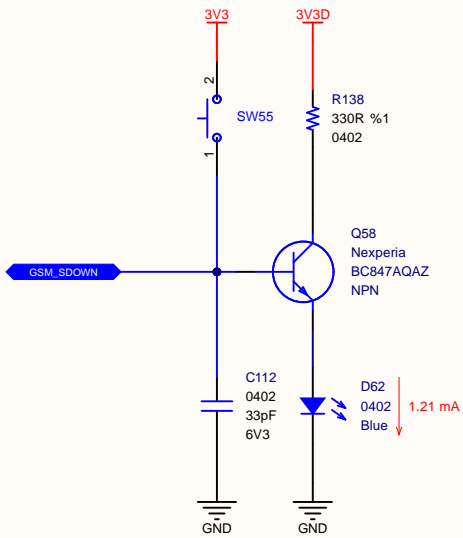
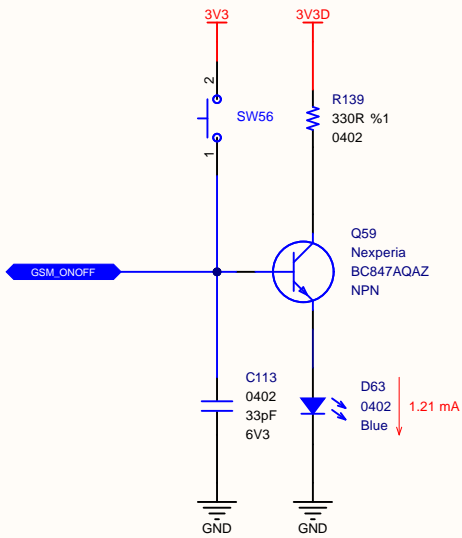
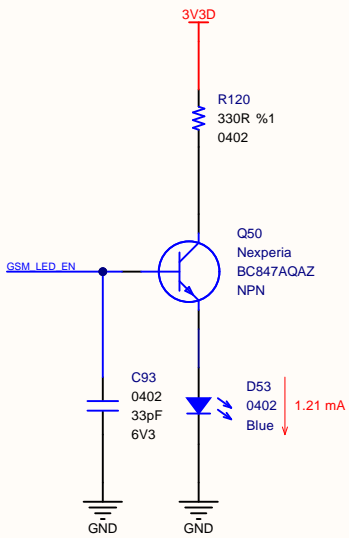
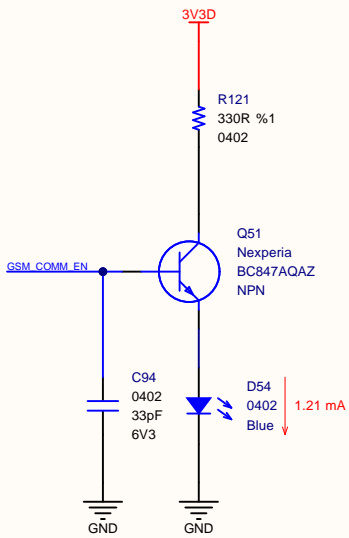
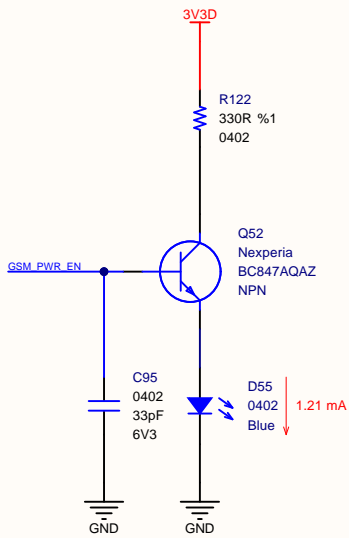
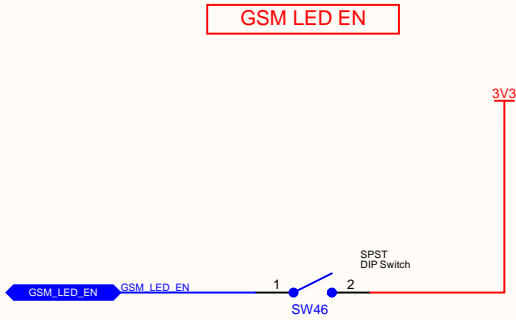
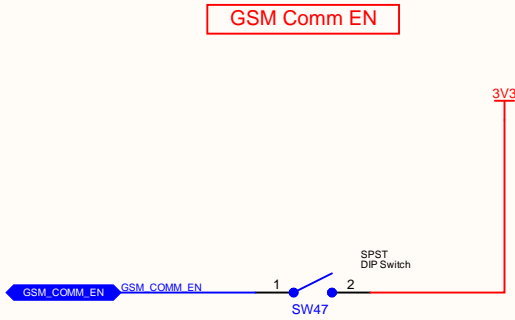
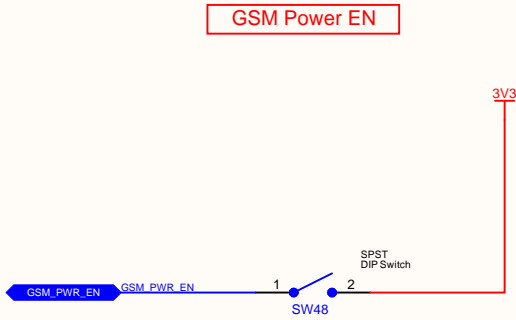


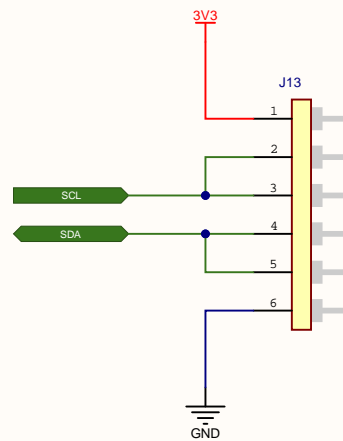
FOTA MCU ICSP PinOut




Title FOTA MCU ICSP Communication Socket			Ovoo Electronics			
Size: A4			Number: AA001			Necip Fazil Mah. Ortarmak Sok. Bırgölü Apt. No: 19/6 Meram / Konya Türkiye
Revision: B100AA Dev Kit			Date: 24.02.2021			
Time: 12:59:52			Sheet of			
File: C:\Altium Projects\B100\AA\Design Files\B100AA Development Kit\Schematic\FOTA MCU ICSP Communication.SchDoc						

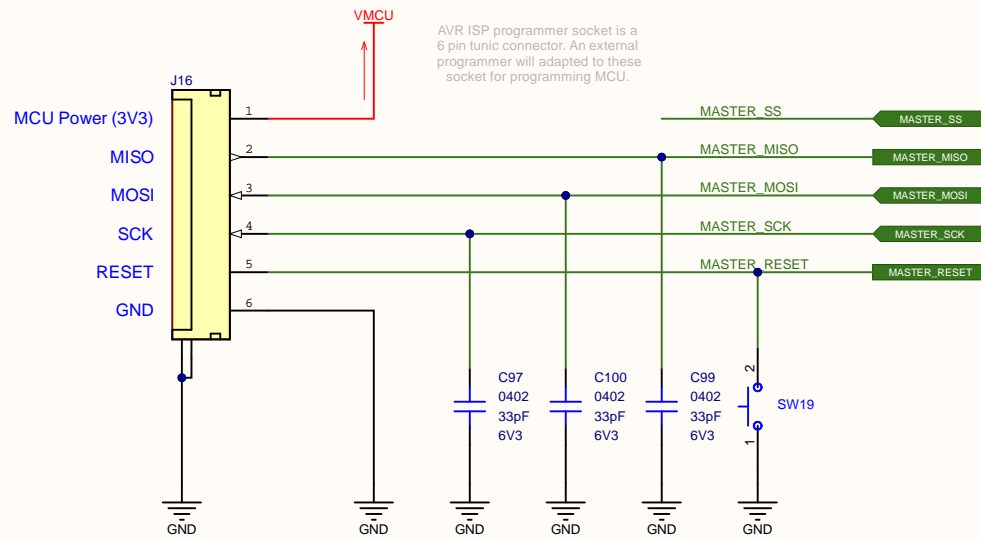




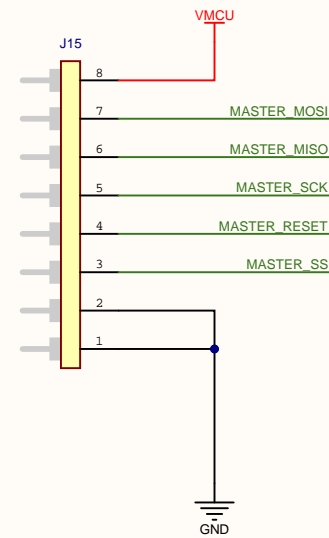


Title Master I2C PinOut			Ovoo Electronics Necip Fazıl Mah. Ortarmak Sok. Bırgölü Apt. No: 19/6 Meram / Konya Türkiye	
Size: A4	Number: AA001	Revision: B100AA Dev Kit		
Date: 24.02.2021	Time: 12:59:52	Sheet of		
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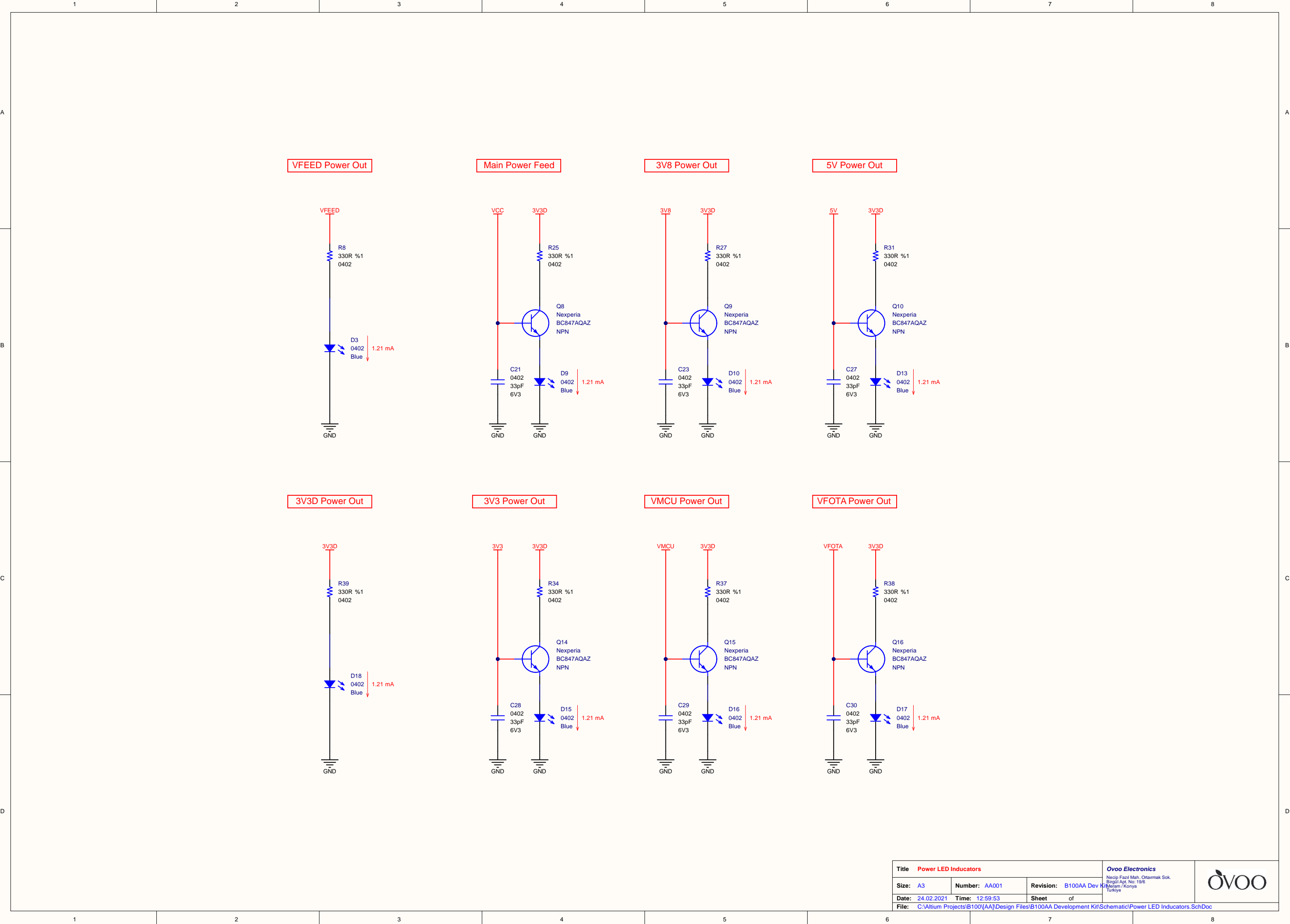
Master MCU ICSP Socket

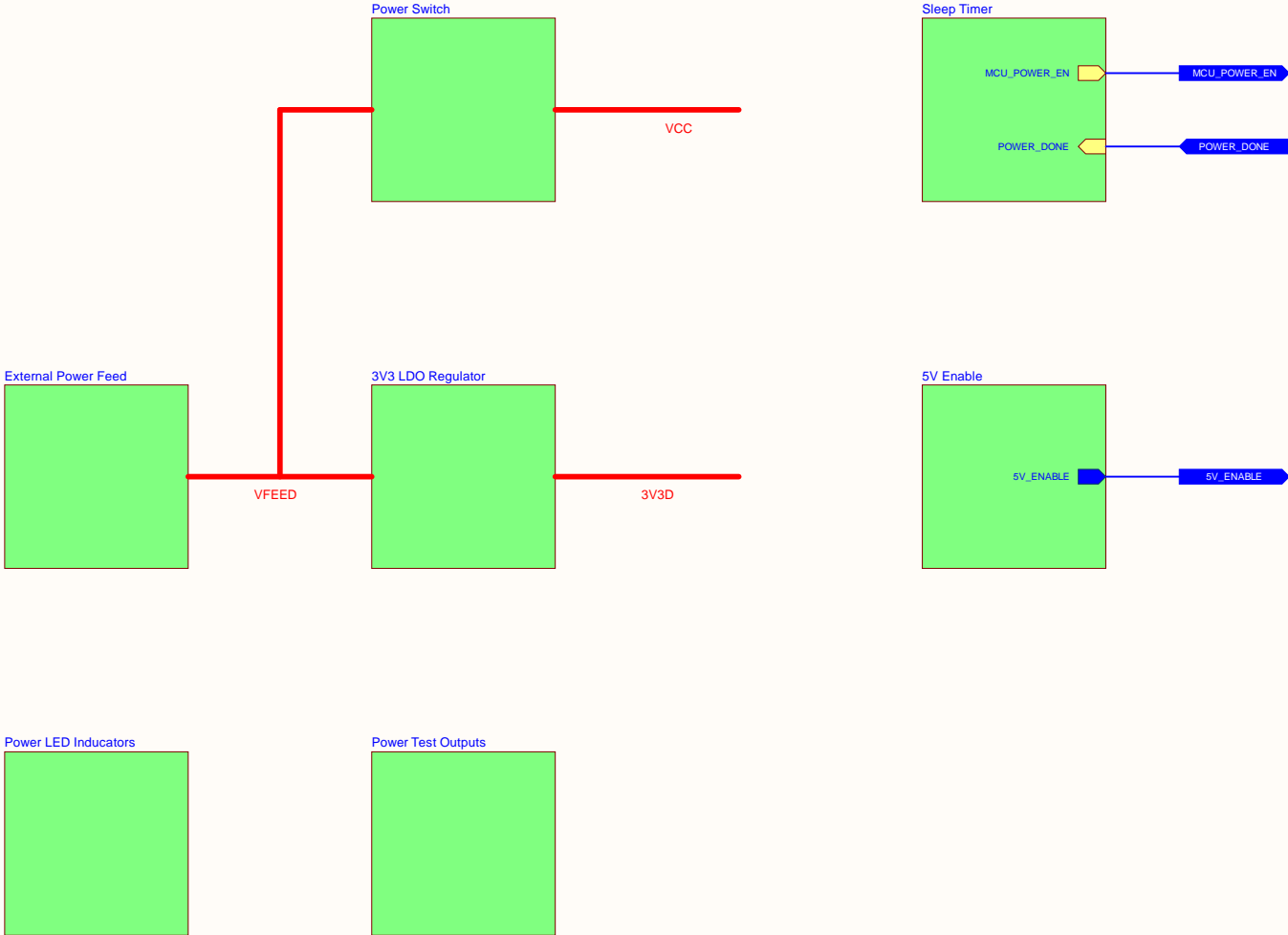


Master MCU ICSP PinOut

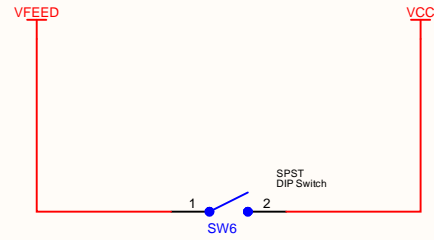


Title Master MCU ICSP Communication Socket			Ovoo Electronics	
Size: A4			Necip Fazıl Mah. Ortarmak Sok. Bırgölü Apt. No: 19/6 Meram / Konya Türkiye	
Number: AA001			Revision: B100AA Dev Kit	
Date: 24.02.2021			Time: 12:59:52	
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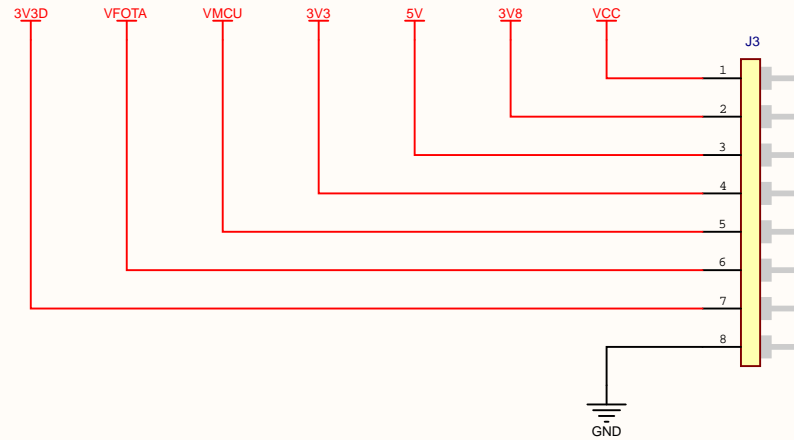



Power Switch



Title Main Power Switch			Ovoo Electronics Necip Fazıl Mah. Ortarmak Sok. Bırgölü Apt. No: 19/6 Meram / Konya Türkiye	
Size: A4	Number: AA001	Revision: B100AA Dev Kit		
Date: 24.02.2021	Time: 12:59:53	Sheet of		
File: C:\Altium Projects\B100\AA\Design Files\B100AA Development Kit\Schematic\Power Switch.SchDoc				

Power Line Test Pins



Title Power Test Pins			Ovoo Electronics	
Size: A4	Number: AA001	Revision: B100AA Dev Kit	Necip Fazıl Mah. Ortarmak Sok. Bırgölü Apt. No: 19/6 Meram / Konya Türkiye	
Date: 24.02.2021	Time: 12:59:53	Sheet 1 of 1		
File: C:\Altium Projects\B100\AA\Design Files\B100AA Development Kit\Schematic\Power Test Pins.SchDoc				

