
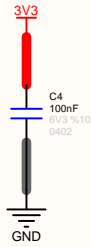


3V3 Regulator			Engineer : Gunce Akkoyun	STF Res-Dev Buyuk Kayacik Mah. 4. OSB 103. Cad. No : 12 Selcuklu / Konya Türkiye	
Size : A4	Project : P101DA		Customer : STF Irrigation		
Date : 5.06.2023	Time : 12:52:48	Page : 3 / 6	Product ID : P101DA		
File : 3V3 LDO Regulator.SchDoc			Module ID : B153AA		
			Version : R1		
			Revision : 00.00.01		

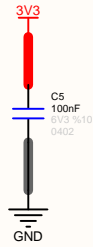
B152AA module have a on-board MCU
for measuring counter and transmit
value to main unit.

MCU works on 3V3 voltage level and
use internal 8 MHz osillator.

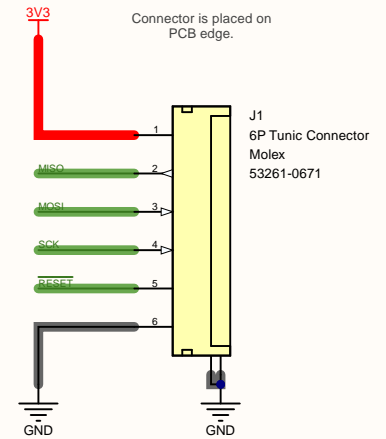
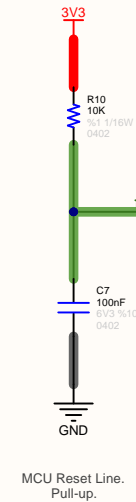
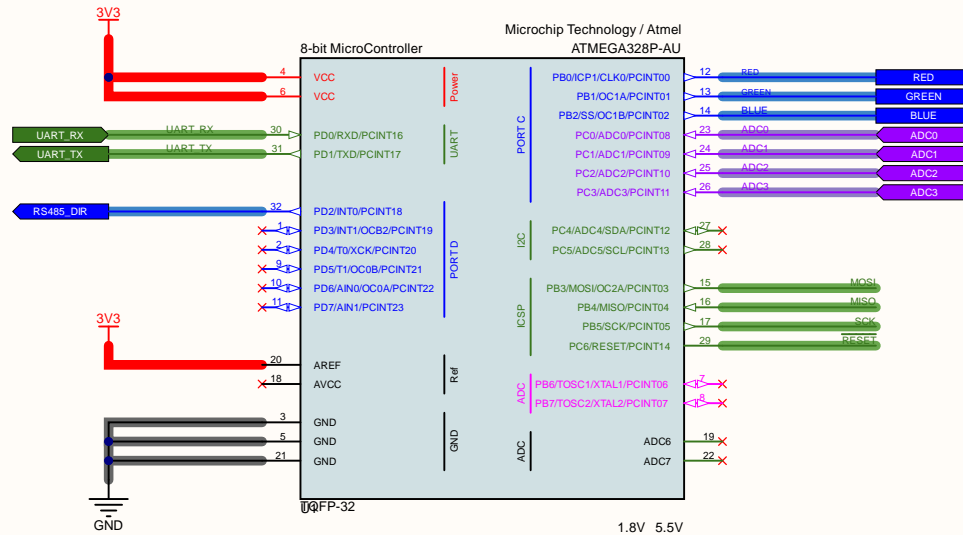
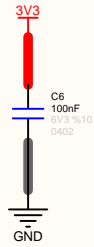
By-Pass Capacitor
Close to Atmega328P
Pin-4 (Vcc)



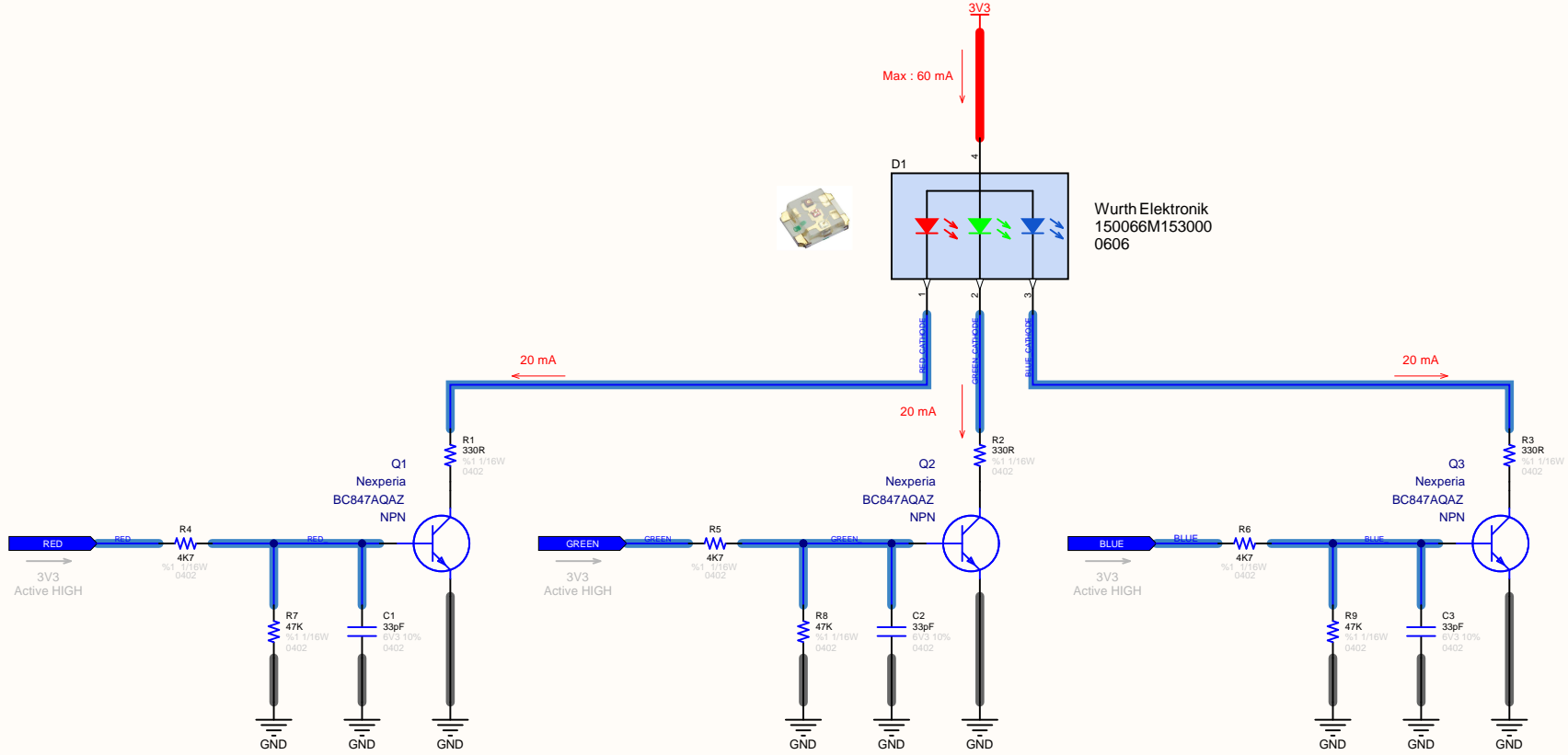
By-Pass Capacitor
Close to Atmega328P
Pin-6 (Vcc)



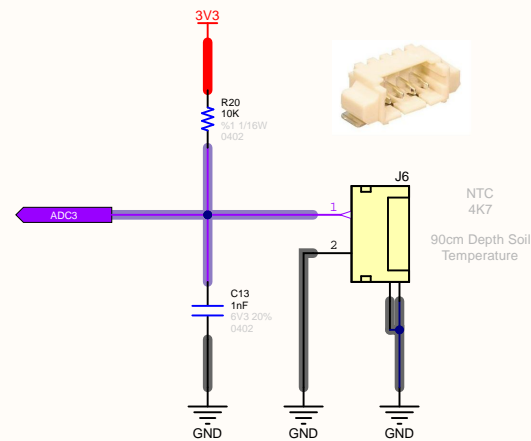
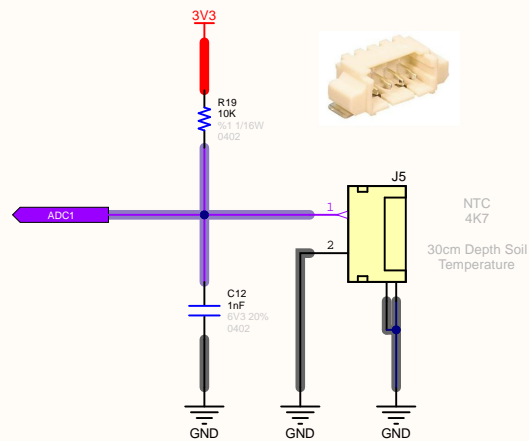
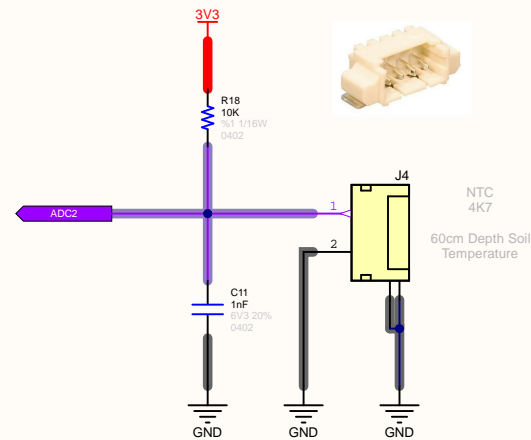
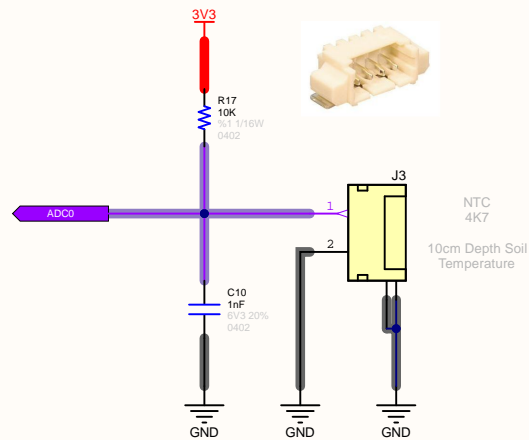
By-Pass Capacitor
Close to Atmega328P
Pin-18 (Avcc)



MicroController			Engineer : Gunce Akkoyun	STF Res-Dev Buyuk Kayacak Mah. 4. OSB 103. Cad. No : 12 Selcuklu / Konya Türkiye
Size : A4	Project : P101DA		Customer : STF Irrigation	
Date : 5.06.2023	Time : 12:52:48	Page : 4 / 6	Product ID : P101DA	
File : MicroController.SchDoc			Module ID : B153AA	
			Version : R1	
			Revision : 00.00.01	



MCU LED Layer			Engineer : Guncce Akkoyun	STF Res-Dev Buyuk Kayacik Mah. 4. OSB 103. Cad. No : 12 Selcuklu / Konya Türkiye
Size : A4	Project : P101DA		Customer : STF Irrigation	
Date : 5.06.2023	Time : 12:52:48	Page : 5 / 6	Product ID : P101DA	
File : LED Inducator.SchDoc			Module ID : B153AA	
			Version : R1	
			Revision : 00.00.01	



Soil Temperature Sensors			Engineer : Günc Akkoyun	STF Res-Dev Buyuk Kayacik Mah. 4. OSB 103. Cad. No : 12 Selcuklu / Konya Türkiye	
Size : A4	Project : P101DA		Customer : STF Irrigation		
Date : 5.06.2023	Time : 12:52:48	Page : 6 / 6	Product ID : P101DA		
File : Soil Temperature Sensors.SchDoc			Module ID : B153AA		
			Version : R1		
			Revision : 00.00.01		