
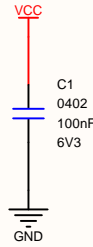


RS485 Communication Layer				Engineer : Gunce Akkoyun	STF Res-Dev Buyuk Kayacik Mah. 4. OSB 103. Cad. No : 12 Selcuklu / Konya Türkiye	
				Customer : STF Irrigation		
Size : A4		Project : P101DA		Product ID : P101DA		
				Module ID : B152AA		
Date : 15.09.2022		Time : 17:20:52		Version : R1		
Page : 2 / 5				Revision : 00.00.01		
File : RS485 Communication Layer.SchDoc						

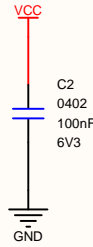
B152AA module have a on-board MCU
for measuring counter and transmit
value to main unit.

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

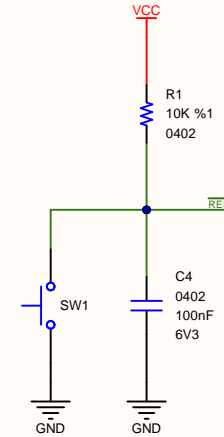
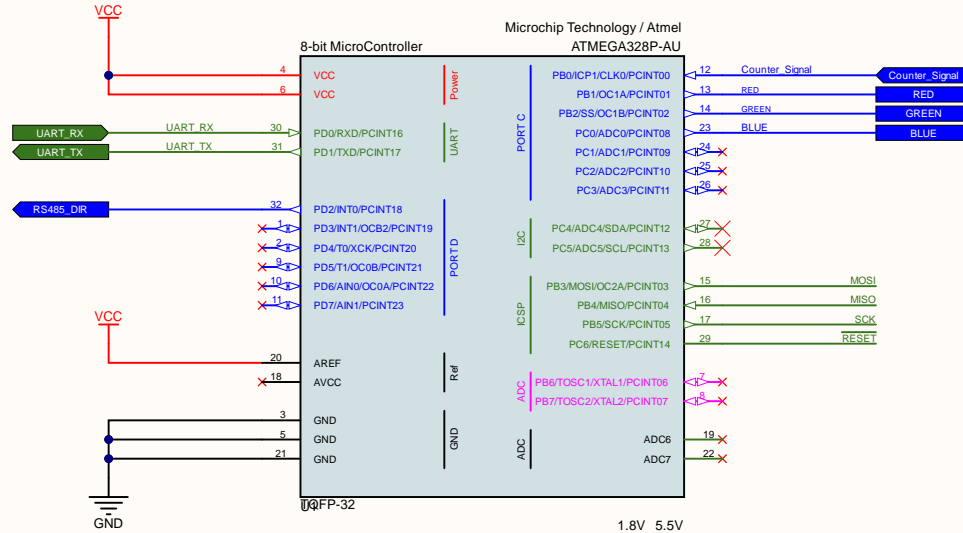
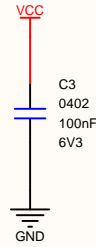
By-Pass Capacitor
Close to Atmega328P
Pin-4 (Vcc)



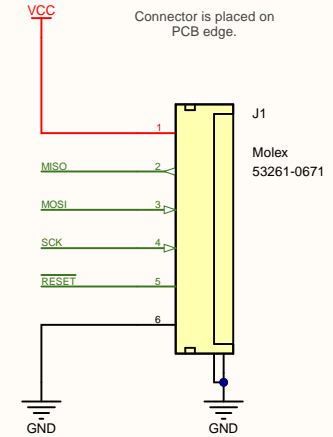
By-Pass Capacitor
Close to Atmega328P
Pin-6 (Vcc)



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

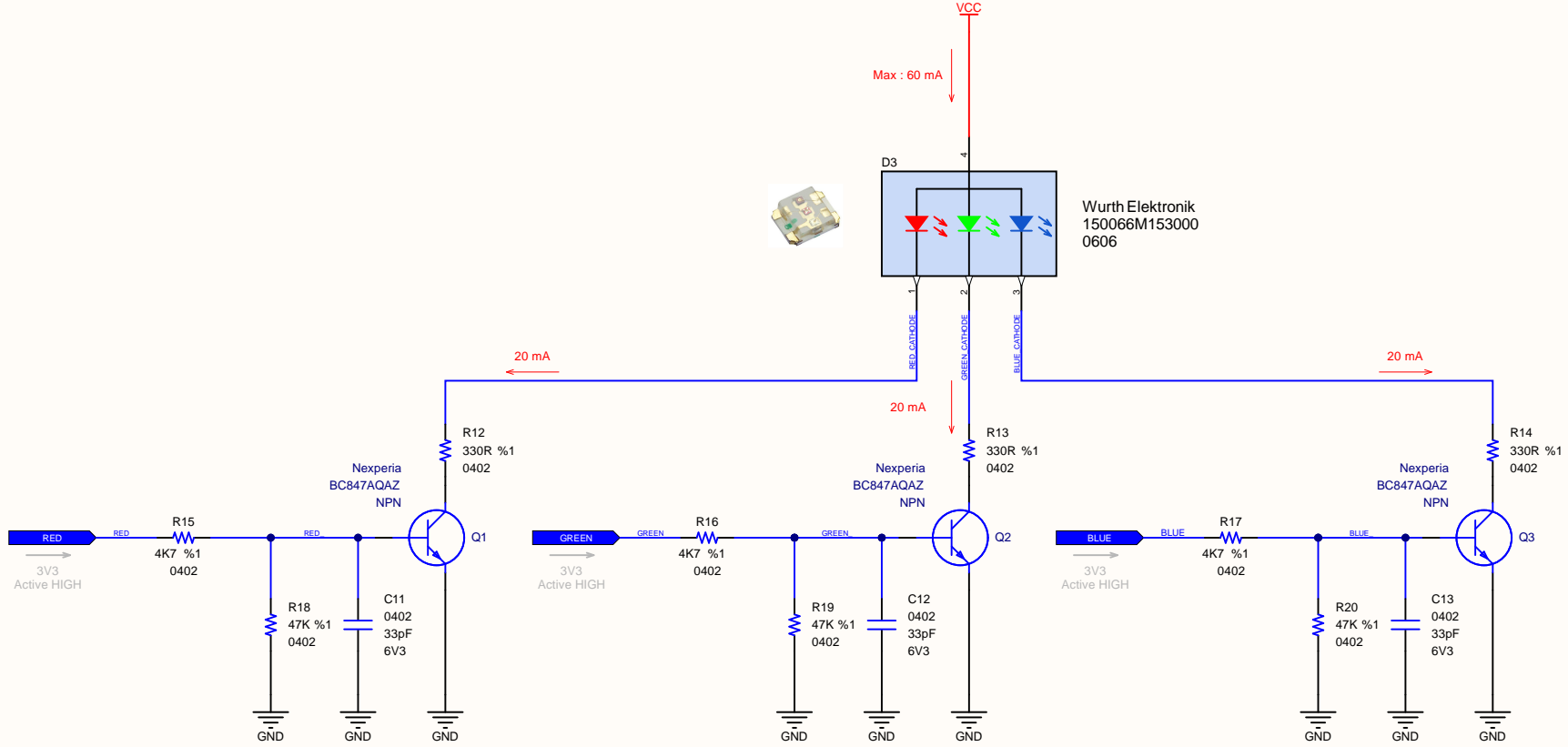



MCU Reset Line.
Pull-up.

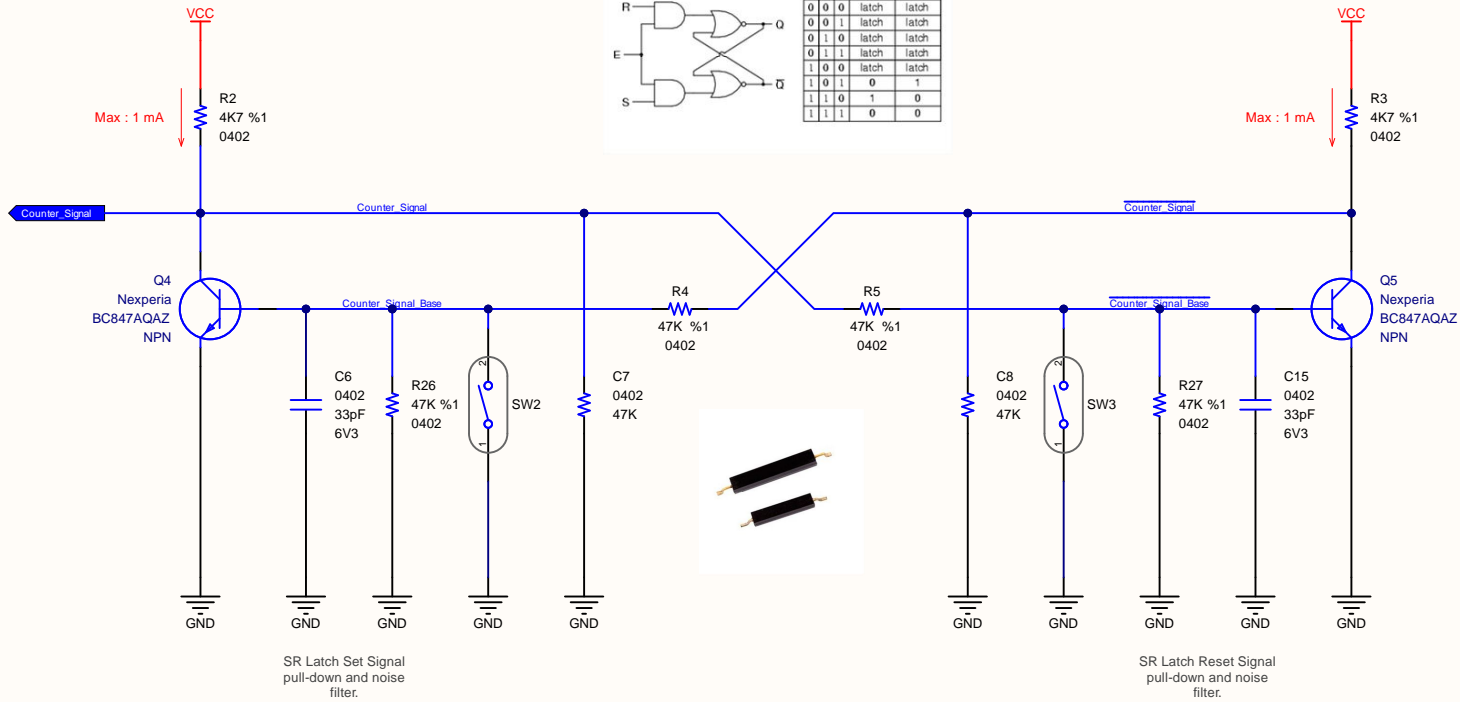
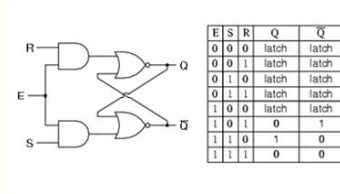
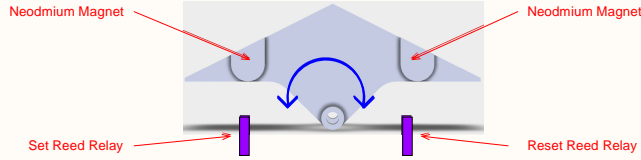


Connector is placed on
PCB edge.

MicroController			Engineer : Günce Akkoyun	STF Res-Dev Buyuk Kayacik Mah. 4. OSB 103. Cad. No : 12 Selcuklu / Konya Türkiye
Size : A4	Project : P101DA		Customer : STF Irrigation	
Date : 15.09.2022	Time : 17:20:52	Page : 3 / 5	Product ID : P101DA	
File : MicroController.SchDoc			Module ID : B152AA	
			Version : R1	
			Revision : 00.00.01	



MCU LED Layer				Engineer : Gunce Akkoyun	STF Res-Dev Buyuk Kayacik Mah. 4. OSB 103. Cad. No : 12 Selcuklu / Konya Türkiye	
				Customer : STF Irrigation		
Size : A4		Project : P101DA		Product ID : P101DA		
				Module ID : B152AA		
Date : 15.09.2022		Time : 17:20:52		Version : R1		
		Page : 4 / 5		Revision : 00.00.01		
File : LED Inducator.SchDoc						



SR Latch			Engineer : Gunce Akkoyun	STF Res-Dev Buyuk Kayacik Mah. 4. OSB 103. Cad. No : 12 Selcuklu / Konya Türkiye
Size : A4			Customer : STF Irrigation	
Project : P101DA			Product ID : P101DA	
Date : 15.09.2022			Module ID : B152AA	
Time : 17:20:52			Version : R1	
Page : 5 / 5			Revision : 00.00.01	
File : SR Latch.SchDoc				