
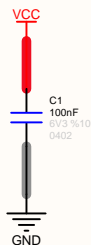


RS485 Communication Layer			Engineer : Gunce Akkoyun	STF Res-Dev Buyuk Kayacik Mah. 4. OSB 103. Cad. No : 12 Selcuklu / Konya Türkiye	
			Customer : STF Irrigation		
Size : A4	Project : P101DA		Product ID : P101DA		
Date : 30.09.2022	Time : 11:22:25	Page : 2 / 5	Module ID : B152AA		
File : RS485 Communication Layer.SchDoc			Version : R1		
			Revision : 00.00.01		

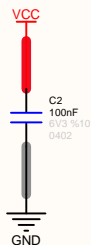
B152AA module have a on-board MCU
for measuring counter and transmit
value to main unit.

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

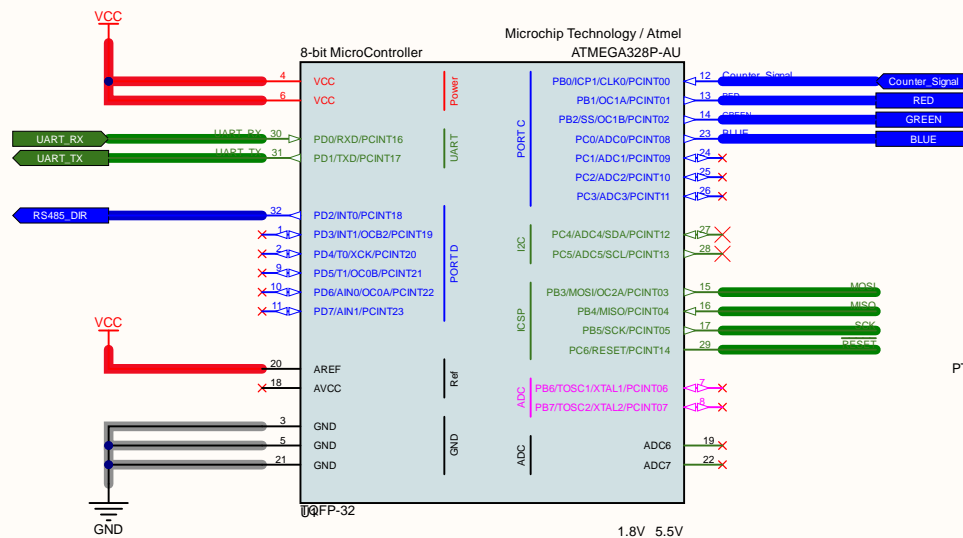
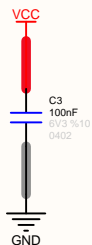
By-Pass Capacitor
Close to Atmega328P
Pin-4 (Vcc)



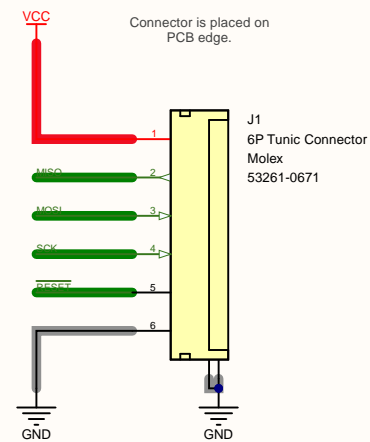
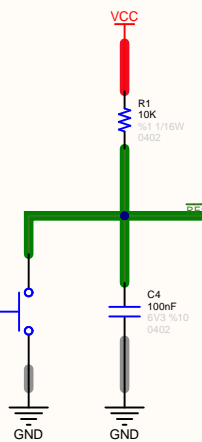
By-Pass Capacitor
Close to Atmega328P
Pin-6 (Vcc)



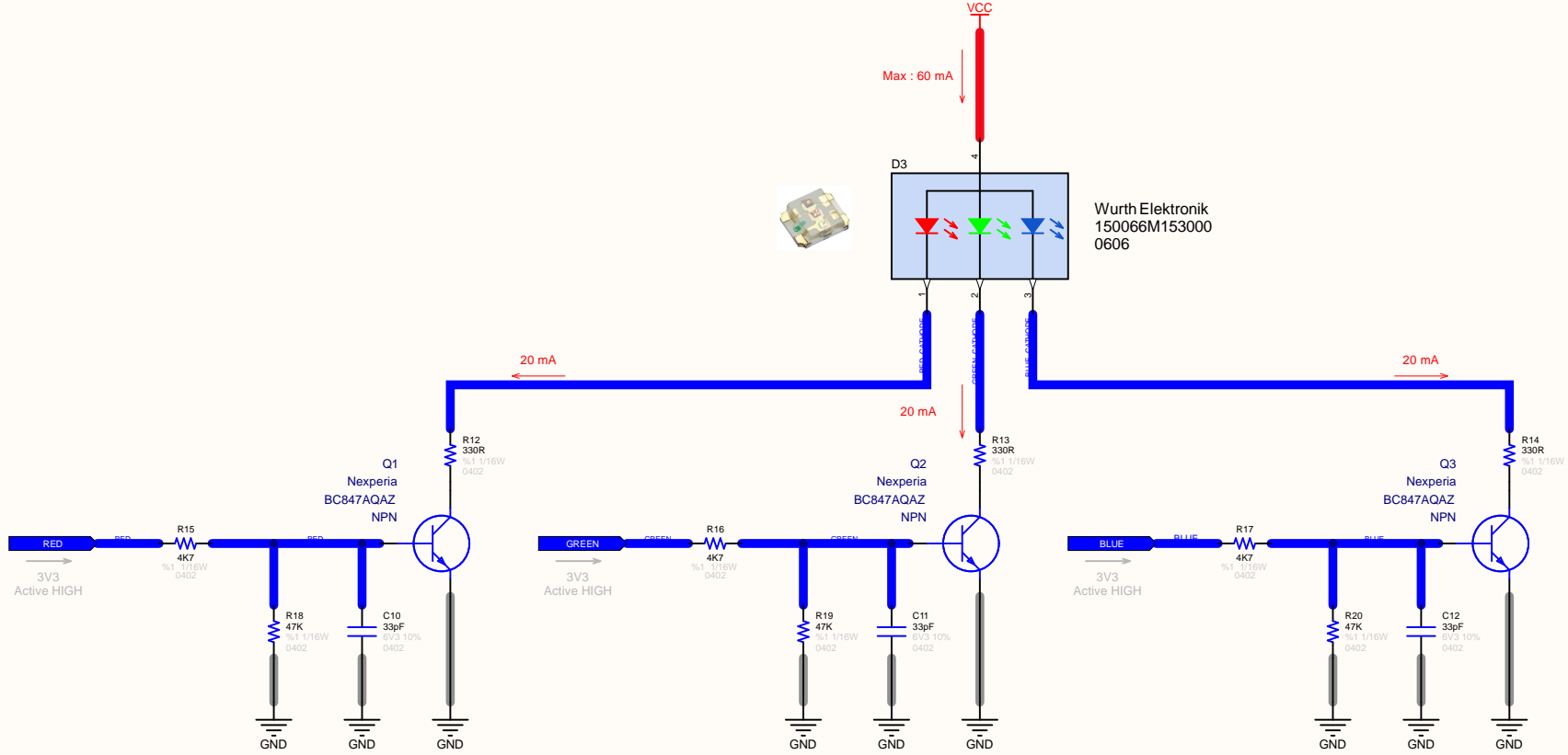
By-Pass Capacitor
Close to Atmega328P
Pin-18 (Avcc)




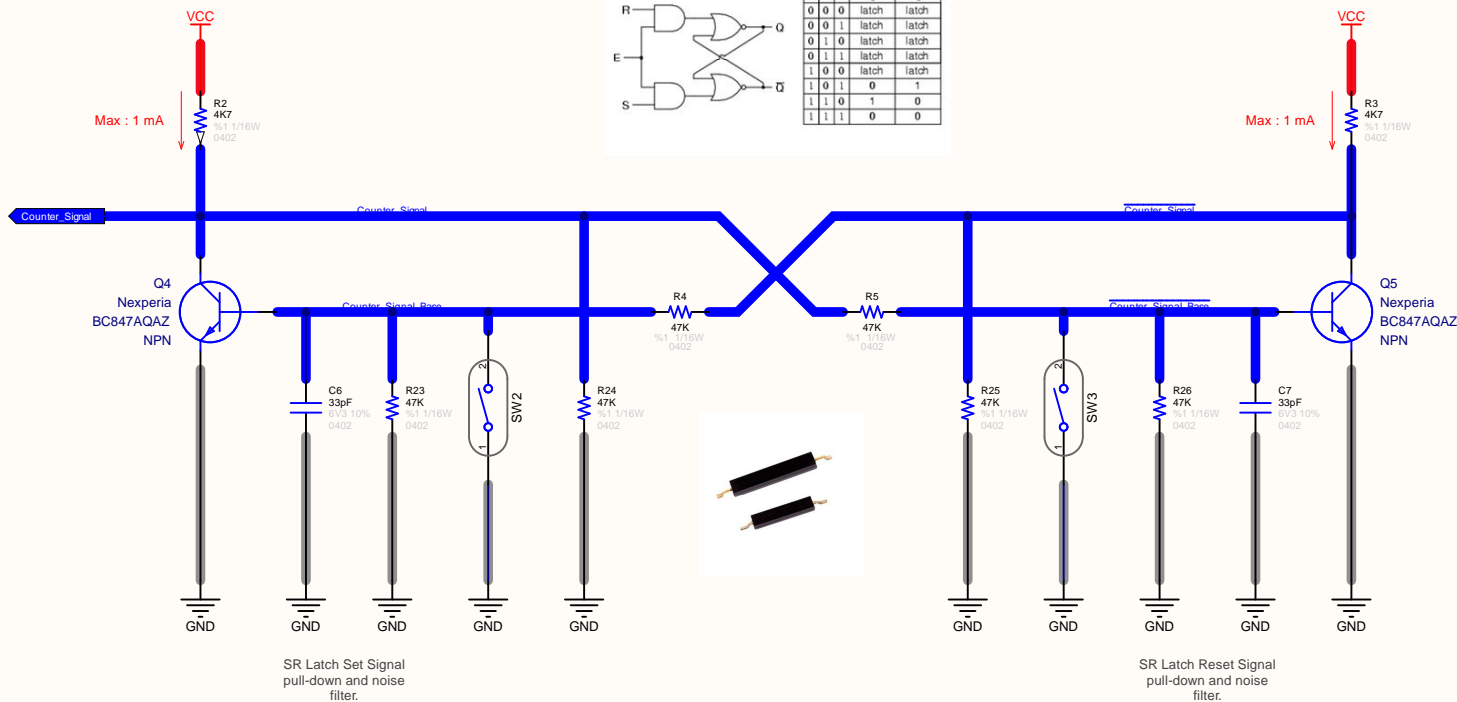
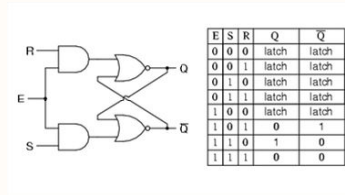
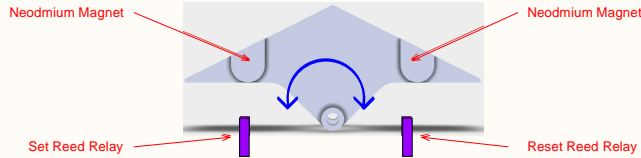
SW1
C&K Switches
PTS526SK08SMTR2LFS



MicroController			Engineer : Güne Akkoyun	STF Res-Dev Buyuk Kayacak Mah. 4. OSB 103. Cad. No : 12 Selcuklu / Konya Türkiye
Size : A4	Project : P101DA		Customer : STF Irrigation	
Date : 30.09.2022	Time : 11:22:25	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 Kayacak Mah. 4. OSB 103. Cad. No : 12 Selcuklu / Konya Türkiye	
			Customer : STF Irrigation		
Size : A4	Project : P101DA		Product ID : P101DA		
Date : 30.09.2022			Module ID : B152AA		
	Time : 11:22:25		Version : R1		
		Page : 4 / 5	Revision : 00.00.01		
File : LED Inducator.SchDoc					



SR Latch			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 : 30.09.2022	Time : 11:22:25	Page : 5 / 5	Product ID : P101DA	
File : SR Latch.SchDoc			Module ID : B152AA	
			Version : R1	
			Revision : 00.00.01	