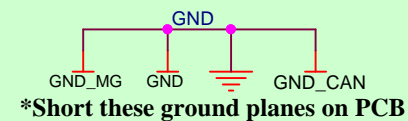
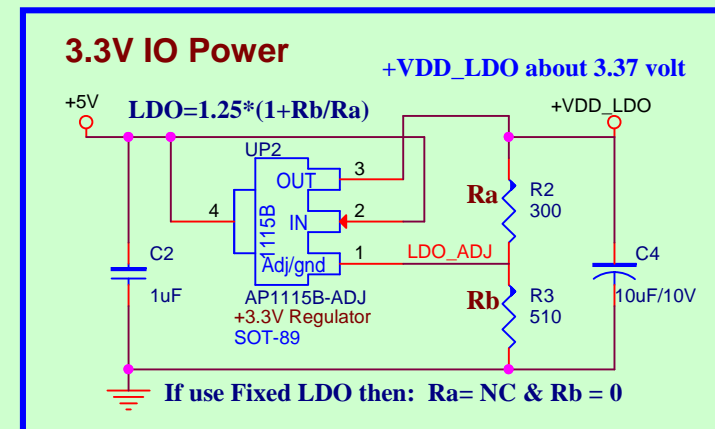
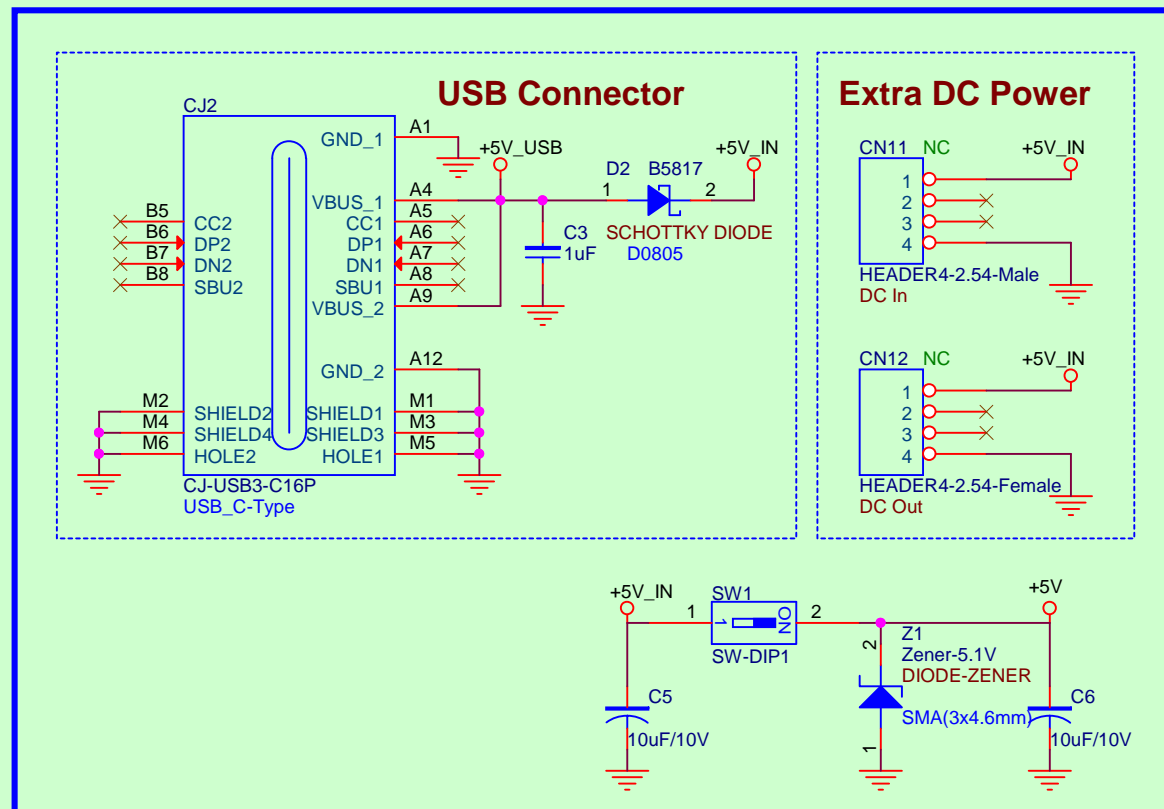
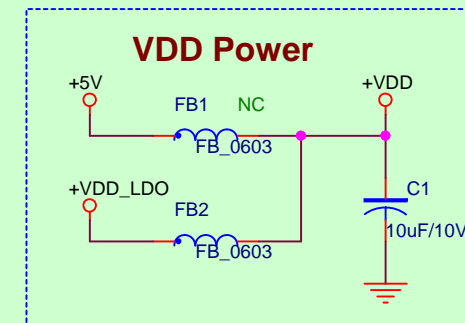
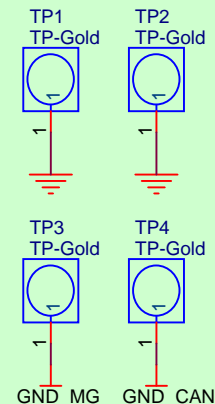
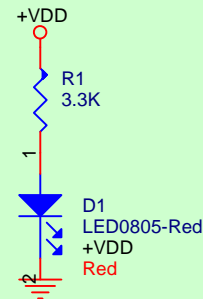
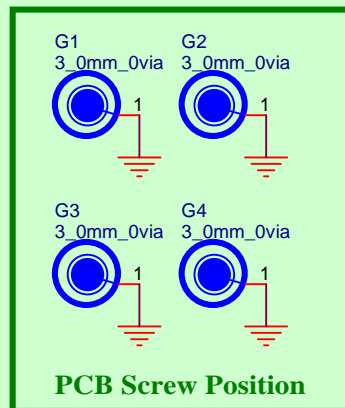


MG04-09

2024.08 GRxx_24xxx

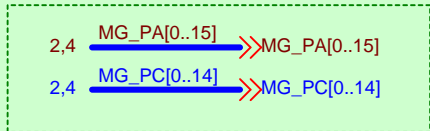
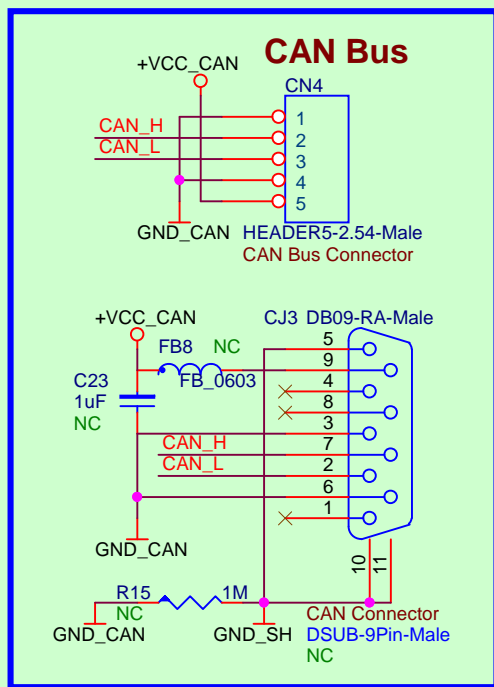
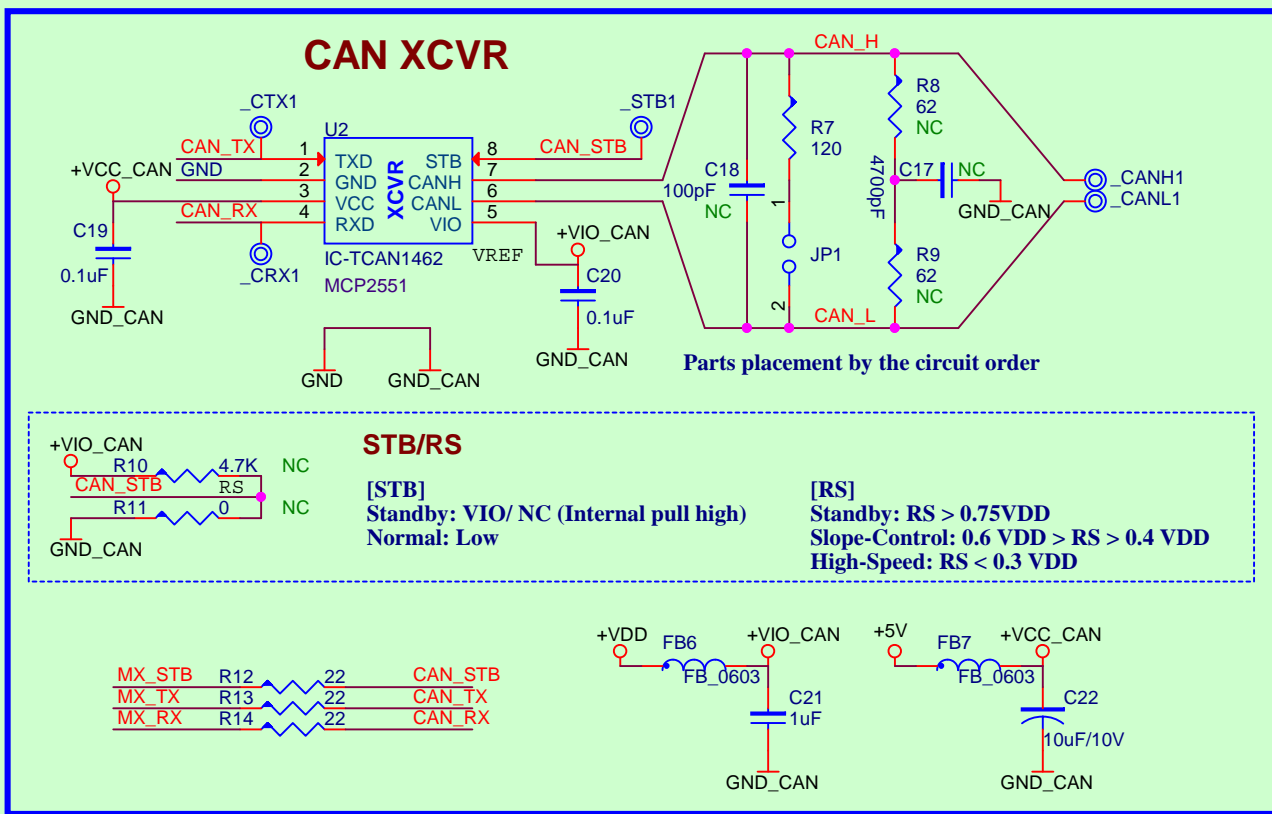
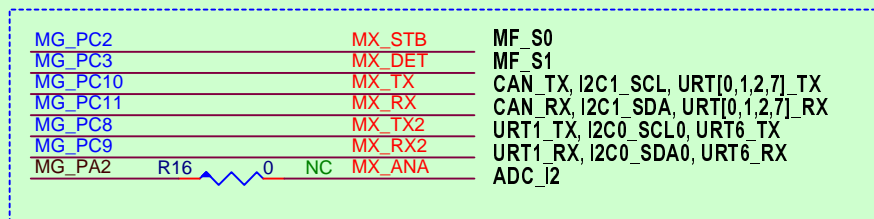
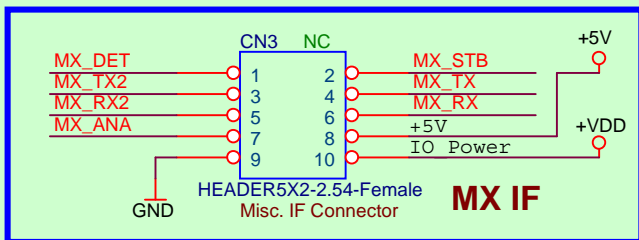
MG32F02N CAN

G5
Logo_Megawin_3_4

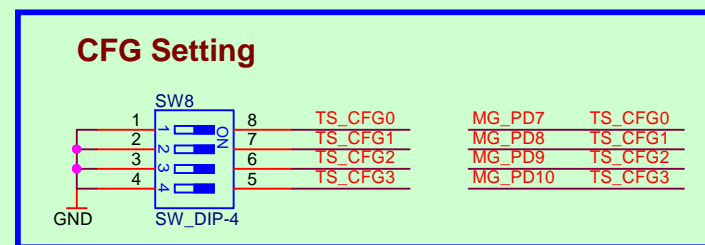
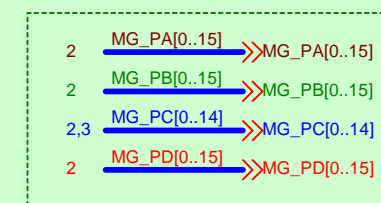
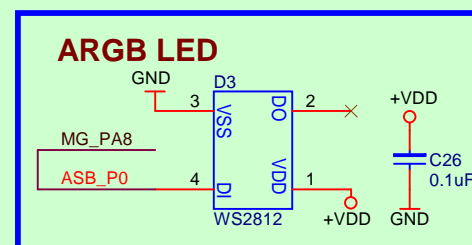
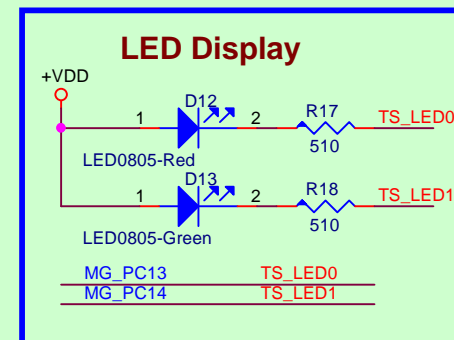


*Short these ground planes on PCB

megawin			
Title			
System Power			
Size A		Document Number	
		MG04-09	
Date:		Wednesday, September 11, 2024	
		Sheet 1 of 7	
		Rev 1.0	



	megawin		
	CAN XCVR		
Size A	Document Number	MG04-09	
Date:	Wednesday, September 11, 2019	3	of 7



Board Features :

- * MG32F02N CAN Demo Board-2
- * SPI LCD Interface

Power

- * USB C-Type Connector
- * Built-in 5V-to-3.3V(+VDD_LDO) Adjustable LDO Circuit

Debug IF

- * SWD IF Connector SIP6-2.54 *1
- * UART Connector SIP4-2.54 * 1

Component Circuit

- * CAN Transceiver *1
- * ARGB LED *2

Others

- * Push Button *1 (Reset)
- * User Key *2 (ADC input)
- * User LED *2

Layout Rule :

* Impedance :

1. Single-end signals ~ 12 mil/124ohm(Coated MicroStrip)
2. Single-end signals ~ 10 mil/129ohm(Coated MicroStrip)


* Power/Ground :

1. Bypass cap. need close to related power/ground pin
2. Using Copper for DC input source and LDO input/output path

Board Note :

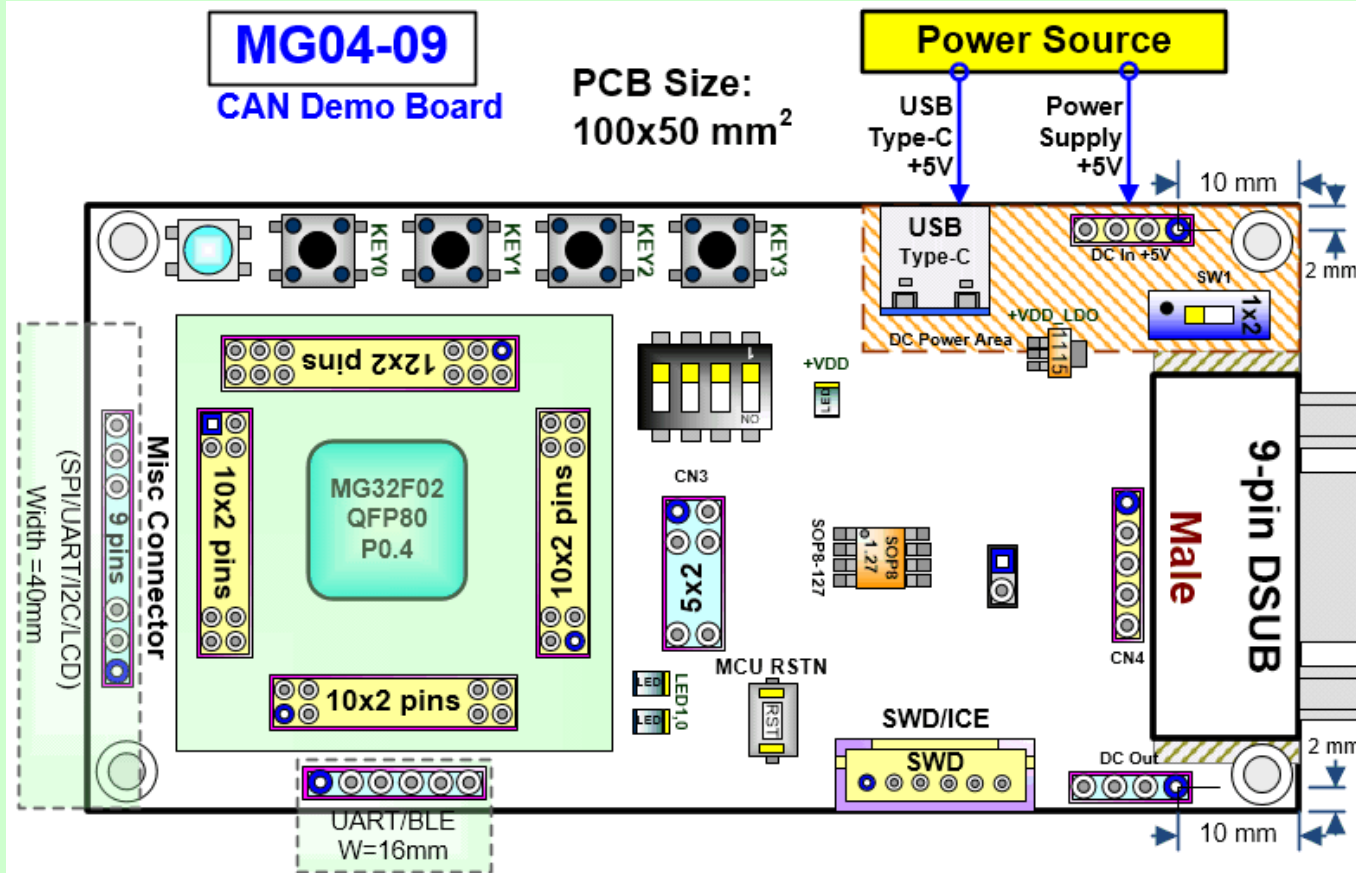
* Ferrite Beed Spec :

FB_0603 : Rdc=0.15 , Z=120/100MHz , Idc=500mA ~ MCB1608S121H

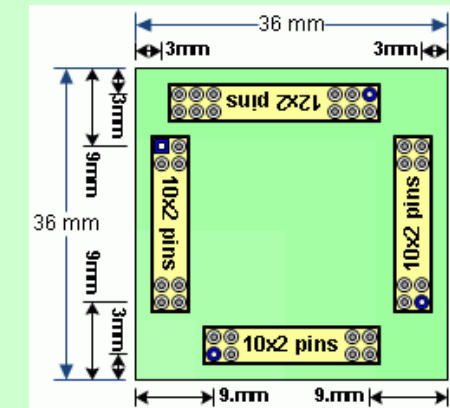
	megawin		
	Title		
	Board Comment		
	Size C	Document Number MG04-09	Rev 1.0
Date: Wednesday, September 11, 2024 5 of 7			


MG04-09 CAN Demo Board

PCB Size:
100x50 mm²

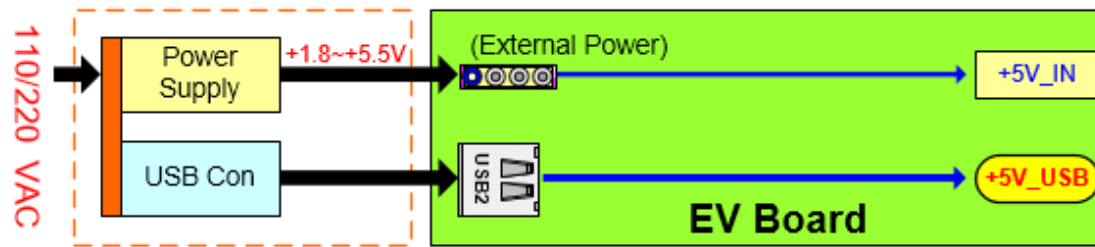


Module PCB Dimension: MCU Package Board (PKT84S)

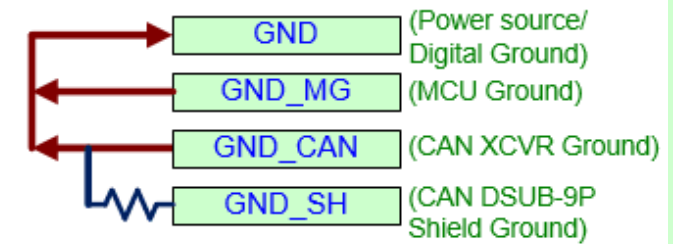


	megawin		
	Title		
	PCB Placement Plan		
	Size C	Document Number	Rev 1.0
Date:		Wednesday, September 11, 2024	6 of 7

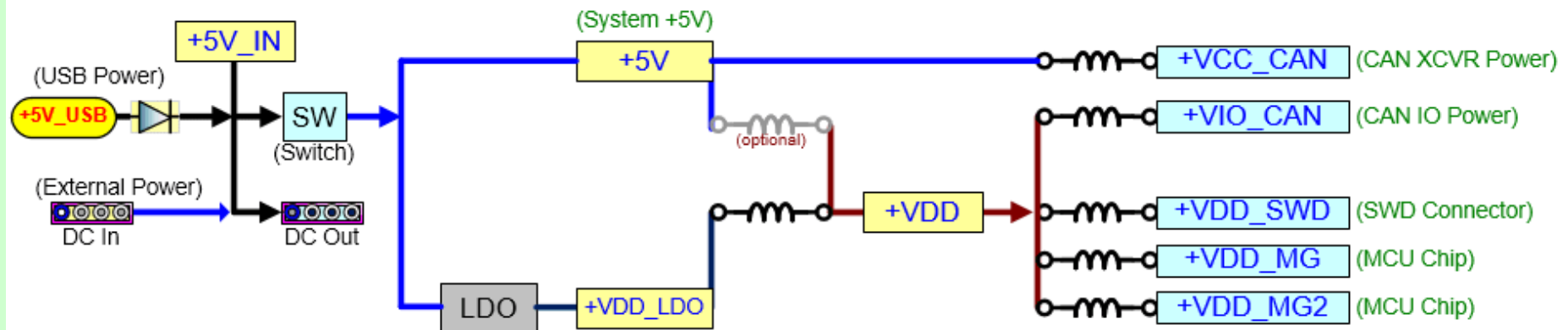
Power Supply Source Diagram




Ground Connection Diagram



Power Connection Diagram



	megawin		
	Title		
	Power System		
	Size B	Document Number	Rev
		MG04-09	1.0
Date: Wednesday, September 11, 2008 7 of 7			

