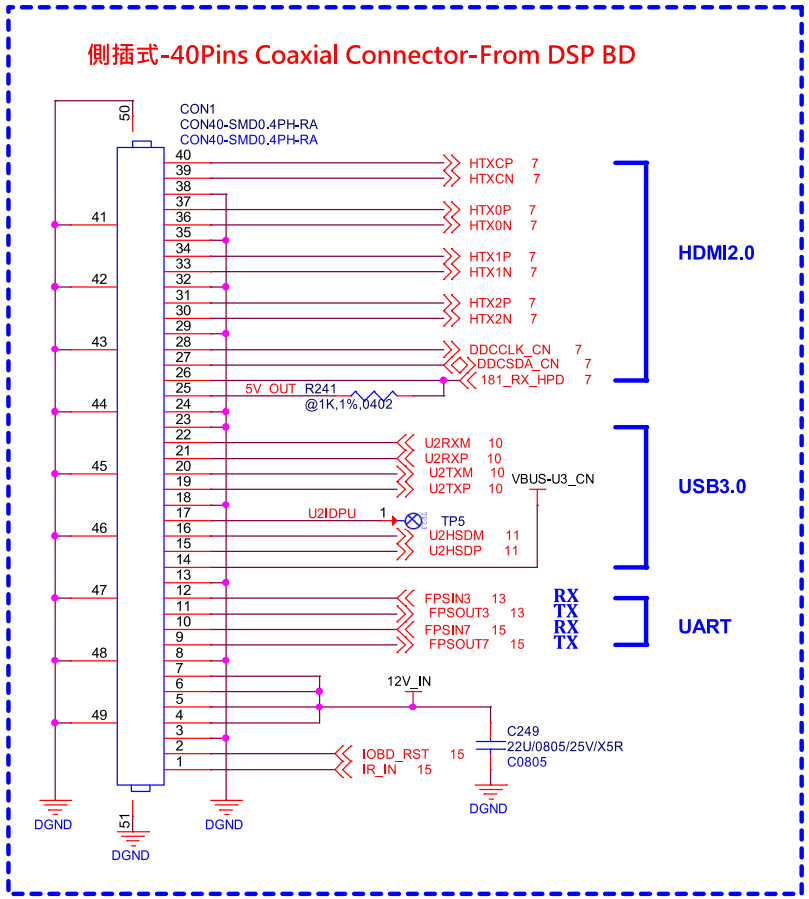
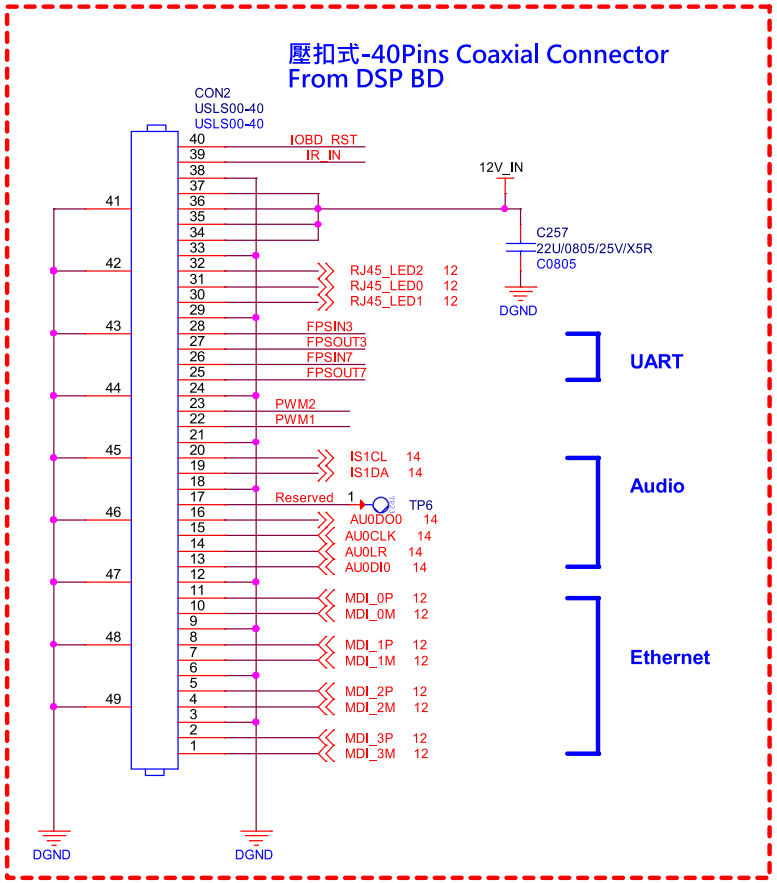
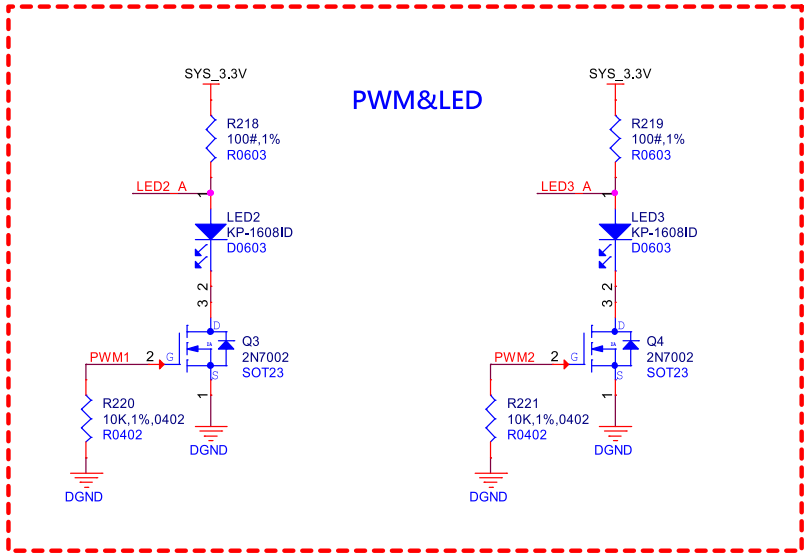
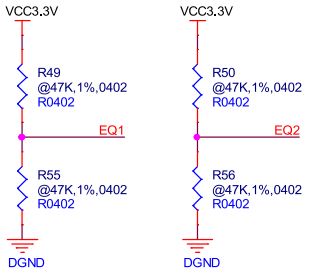






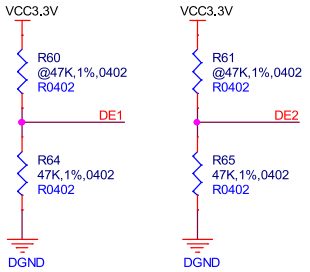
Title	9300881-50 PCBA,IO BD,VC-M830P,Rev.A	
Size: Custom	Document Number: 05_40Pins Coaxial Interface	Rev: A
Date: Monday, April 16, 2018	Sheet 5 of 15	

Receiver equalizer gain

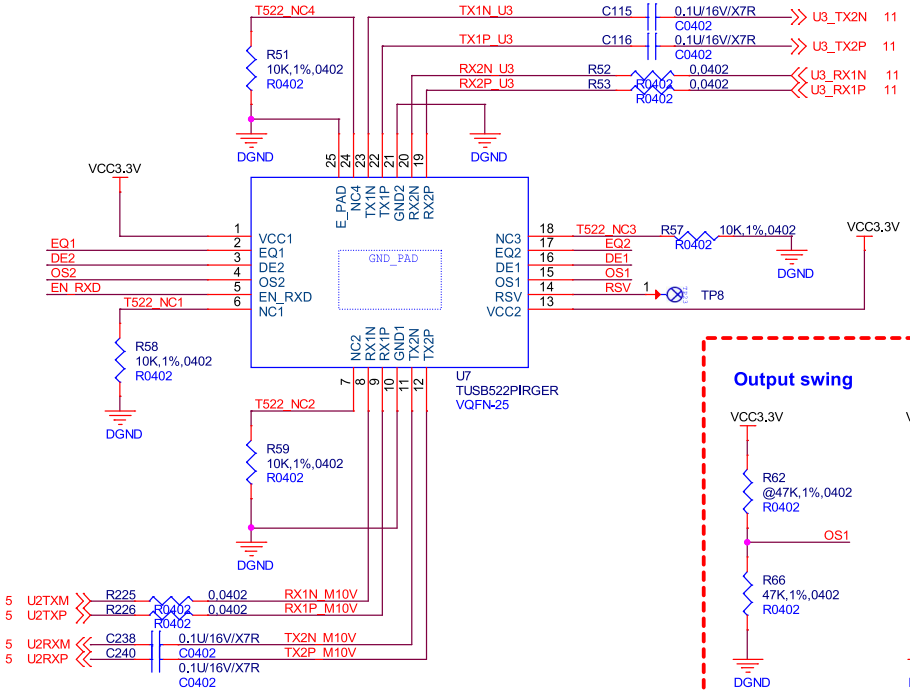


Sets the receiver equalizer gain for Channel 1,2. 3-state input with integrated pull-up and pulldown resistors.
EQ1/2 = Mid = 6 dB
EQ1/2 = Low = 3 dB
EQ1/2 = High = 9 dB

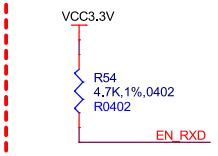
Output de-emphasis



Sets the output de-emphasis for Channel 1,2. 3-state input with integrated pull-up and pulldown resistors.
DE1/2 = Low = 0 dB
DE1/2 = Mid = -3.5 dB
DE1/2 = High = -6.2 dB
Note: When OS = Low



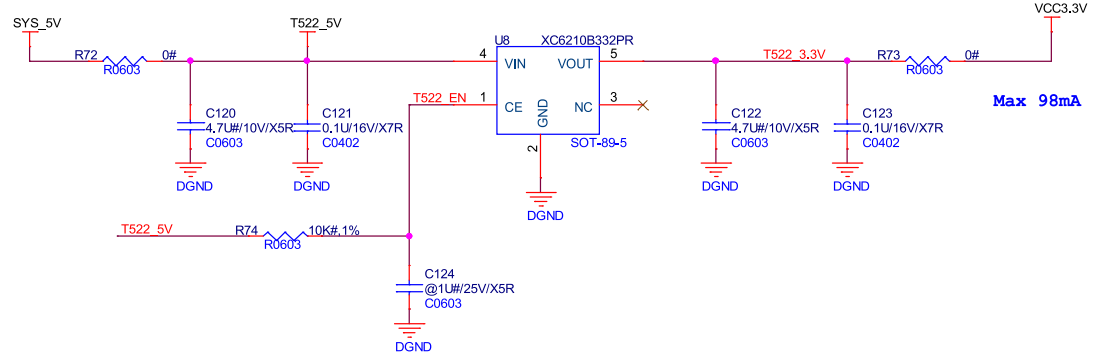
Enable



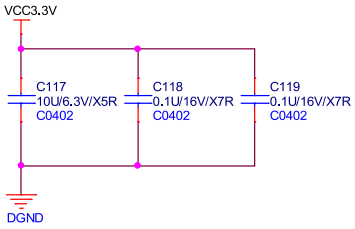
Output swing

Sets the output swing (differential voltage amplitude) for Channel 1,2. 2-state input with an integrated pull down resistor.
OS1/2 = Low = 0.9 V
OS1/2 = High = 1.1 V

TUSB522 3.3V

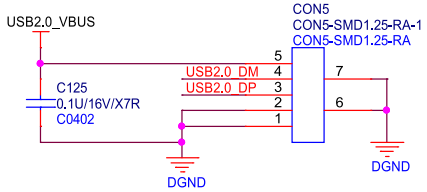


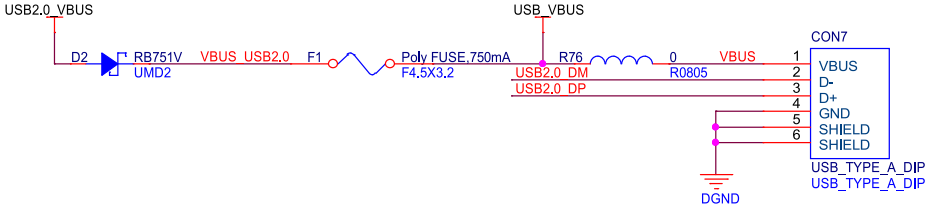
3.3V power filtering



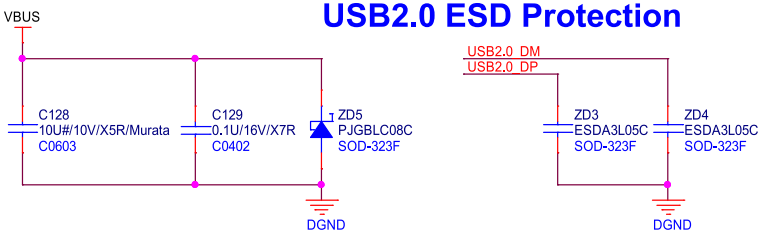
Title	9300881-50 PCBA,IO BD,VC-M830P,Rev.A	
Size B	Document Number 10_USB Re-driver	Rev A
Date: Monday, April 16, 2018	Sheet 10 of 15	

USB2.0 Connector(Host)

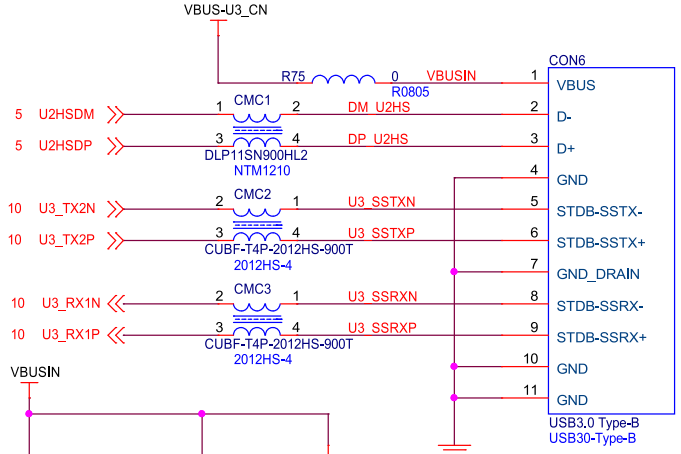


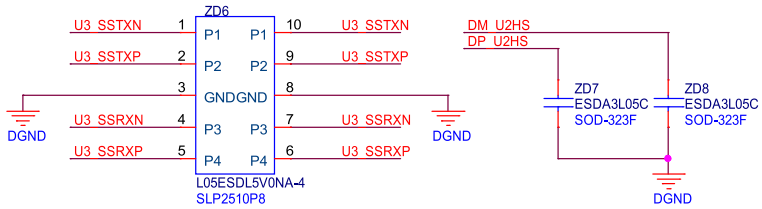


USB2.0 ESD Protection



USB3.0 Connector(Device)





Title	9300881-50 PCBA,IO BD,VC-M830P,Rev.A	
Size: Custom	Document Number: 11_USB Connector	Rev: A
Date: Monday, April 16, 2018	Sheet 11 of 15	