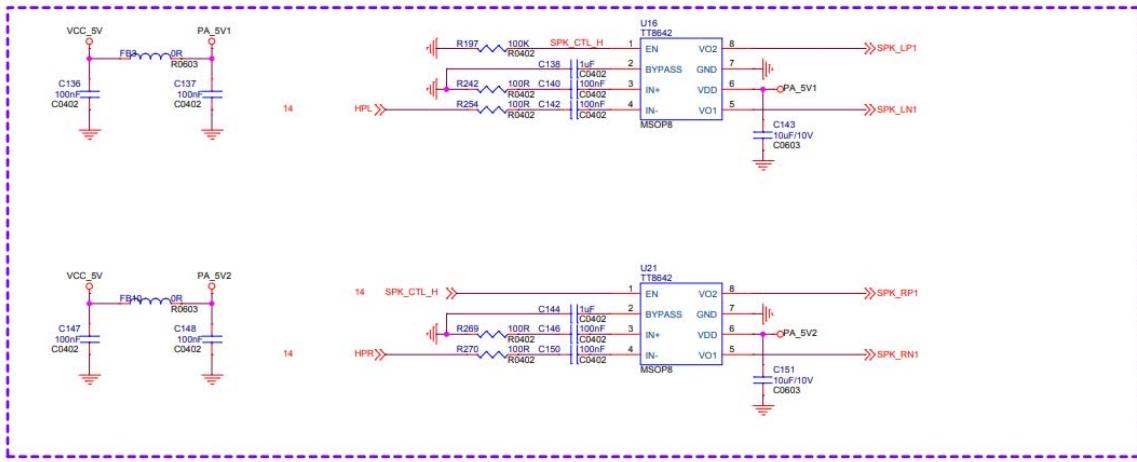
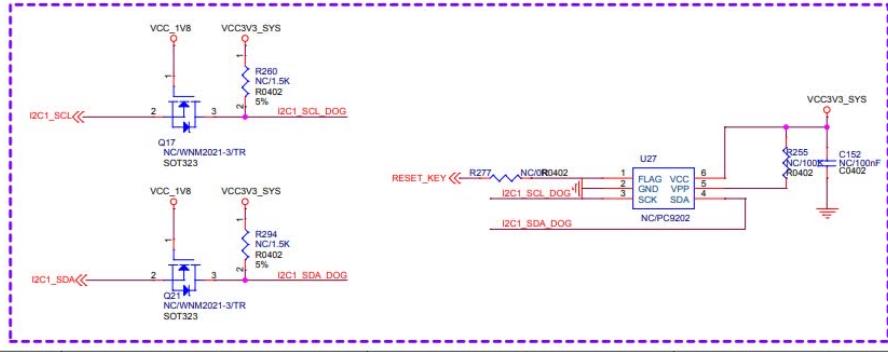


Amplifier



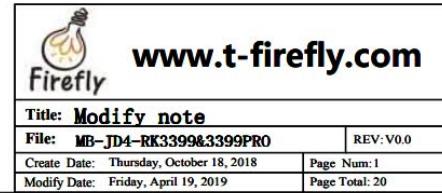
Watch dog



www.t-firefly.com
Firefly
 Title: Amplifier/Watch dog
 File: MB-JD4-RK3994399PRO REV:<Revcode>
 Create Date: Thursday, April 18, 2019 Page Num: 0
 Modify Date: Friday, April 19, 2019 Page Total: 0

Modify note

Version	Date	Author	Change Note	Approved
V00	20190118	WXZ	First edictor	

Title: **Modify note**File: **MB-JD4-RK339943399PRO**

REV: V0.0

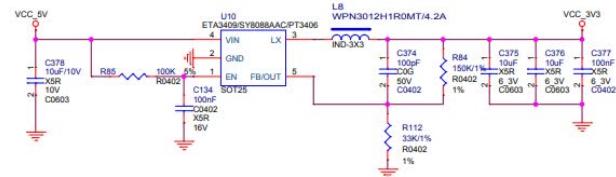
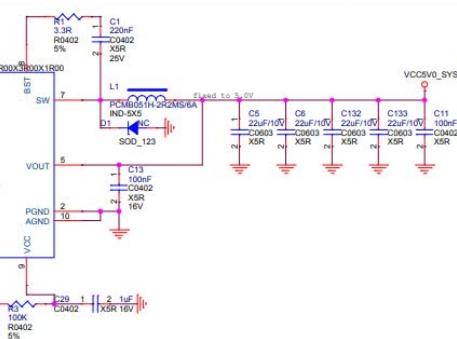
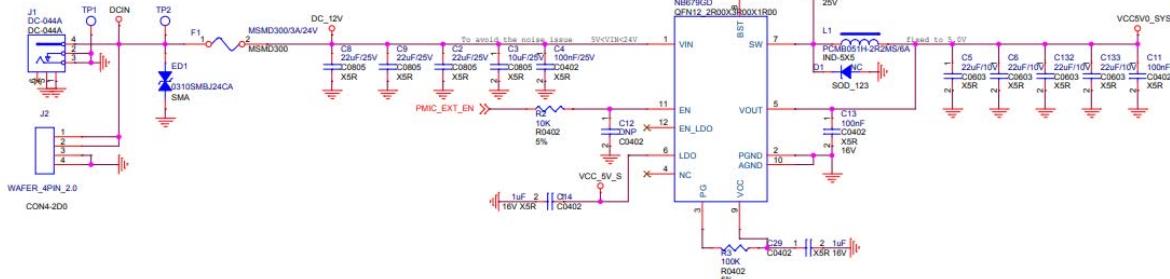
Create Date: Thursday, October 18, 2018

Page Num: 1

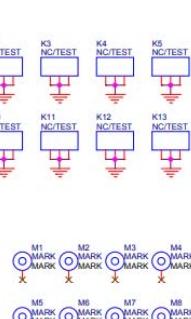
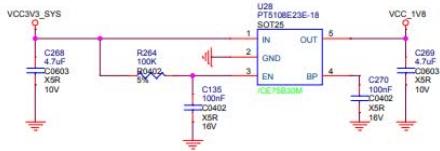
Modify Date: Friday, April 19, 2019

Page Total: 20

DC_IN

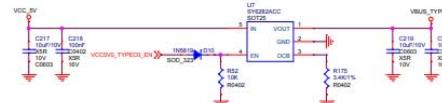


VCC_1V8

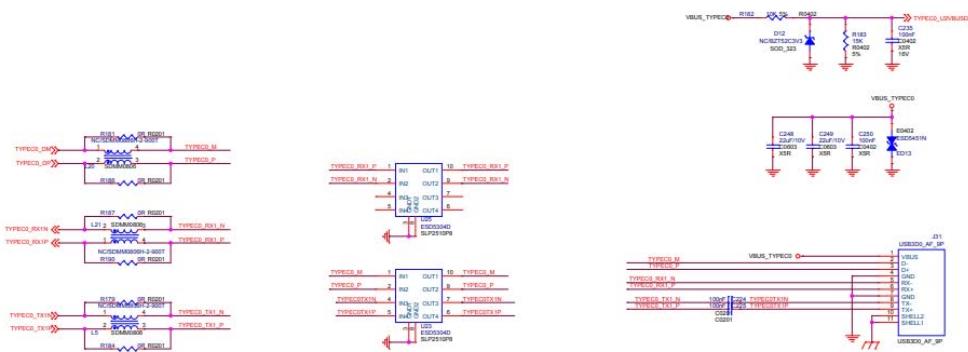


www.t-firefly.com
Firefly
Title: POWER IN
File: MB-TD-EK339943399PRO REV: V0.0
Create Date: Thursday, October 18, 2018 Page: Num: 2
Modify Date: Friday, April 19, 2019 Page Total: 20

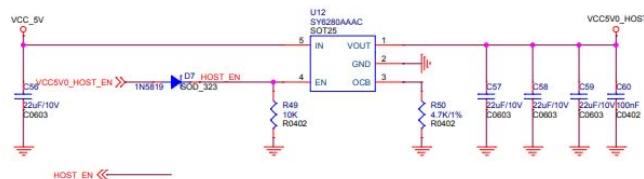
TYPECO HOST POWER



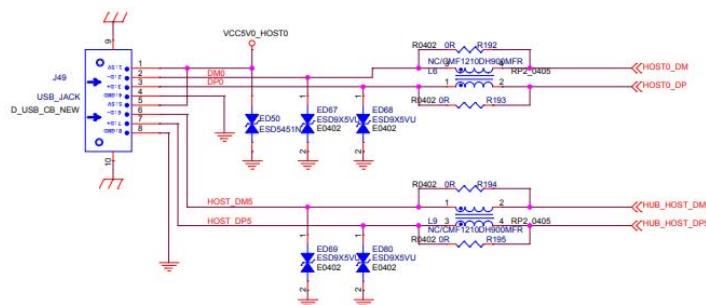
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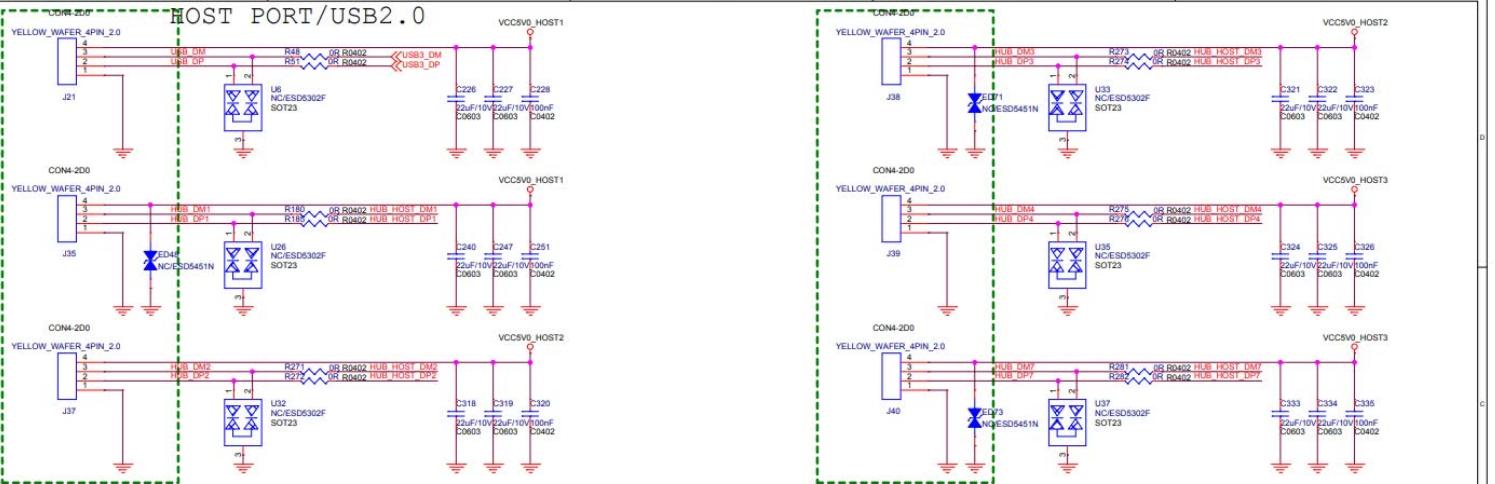


HOST POWER

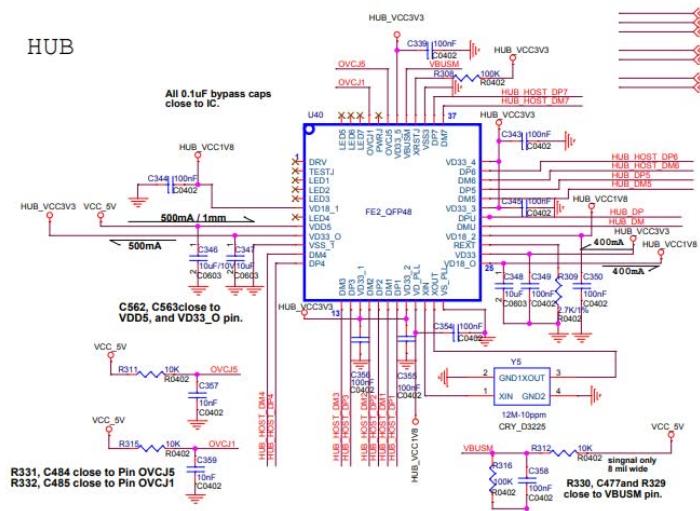


USB2.0

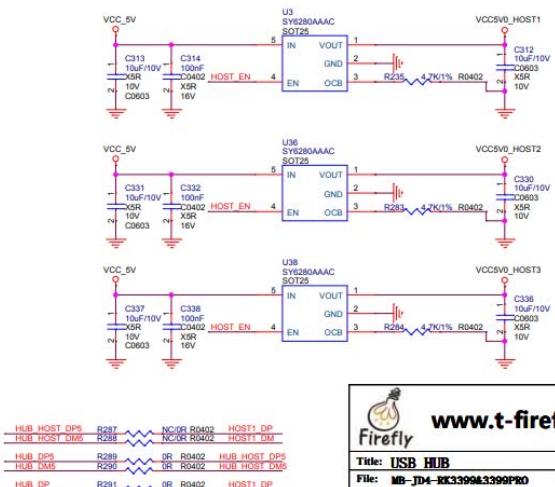




HUB



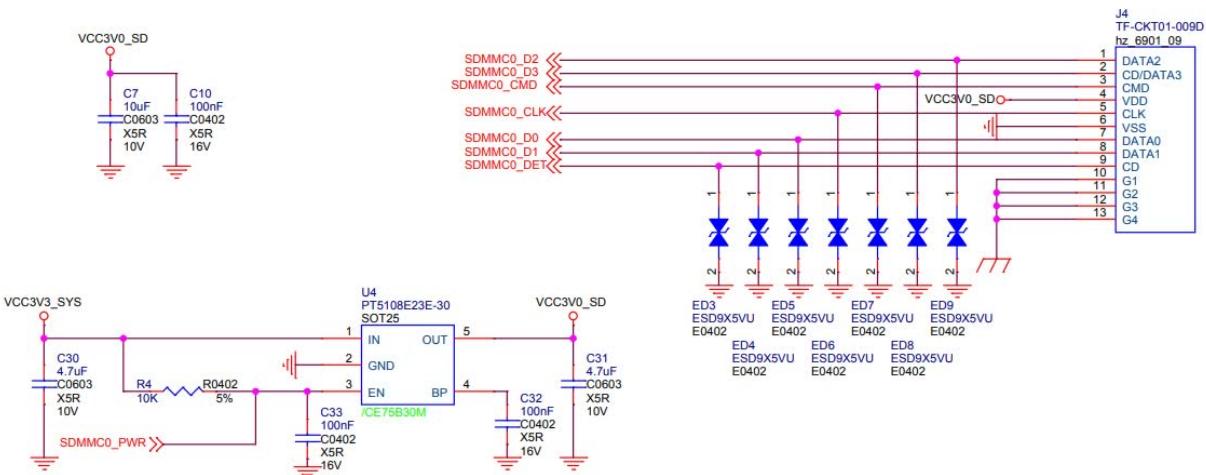
HOST POWER



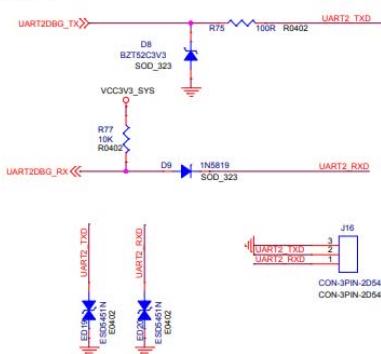
 www.t-firefly.com

Title: USB_HUB	REV: V0.0
File: MB-TD-EK3399A3399PRO	Create Date: Wednesday, January 02, 2019
	Page Num: 5
	Modify Date: Friday, April 19, 2019
	Page Total: 20

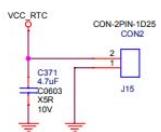
TF CARD



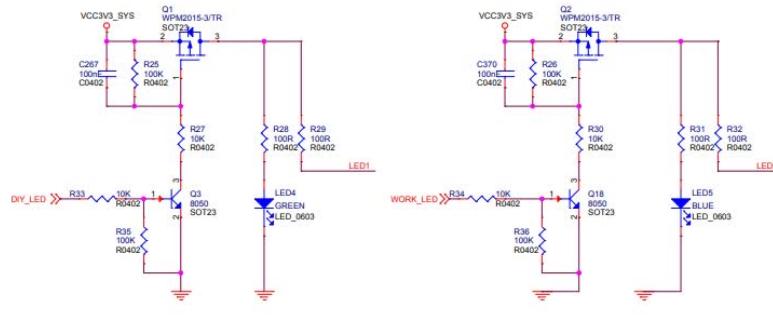
DEBUG



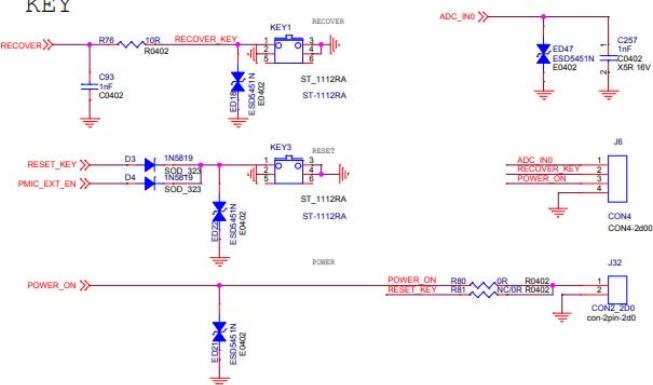
RTC_BAT



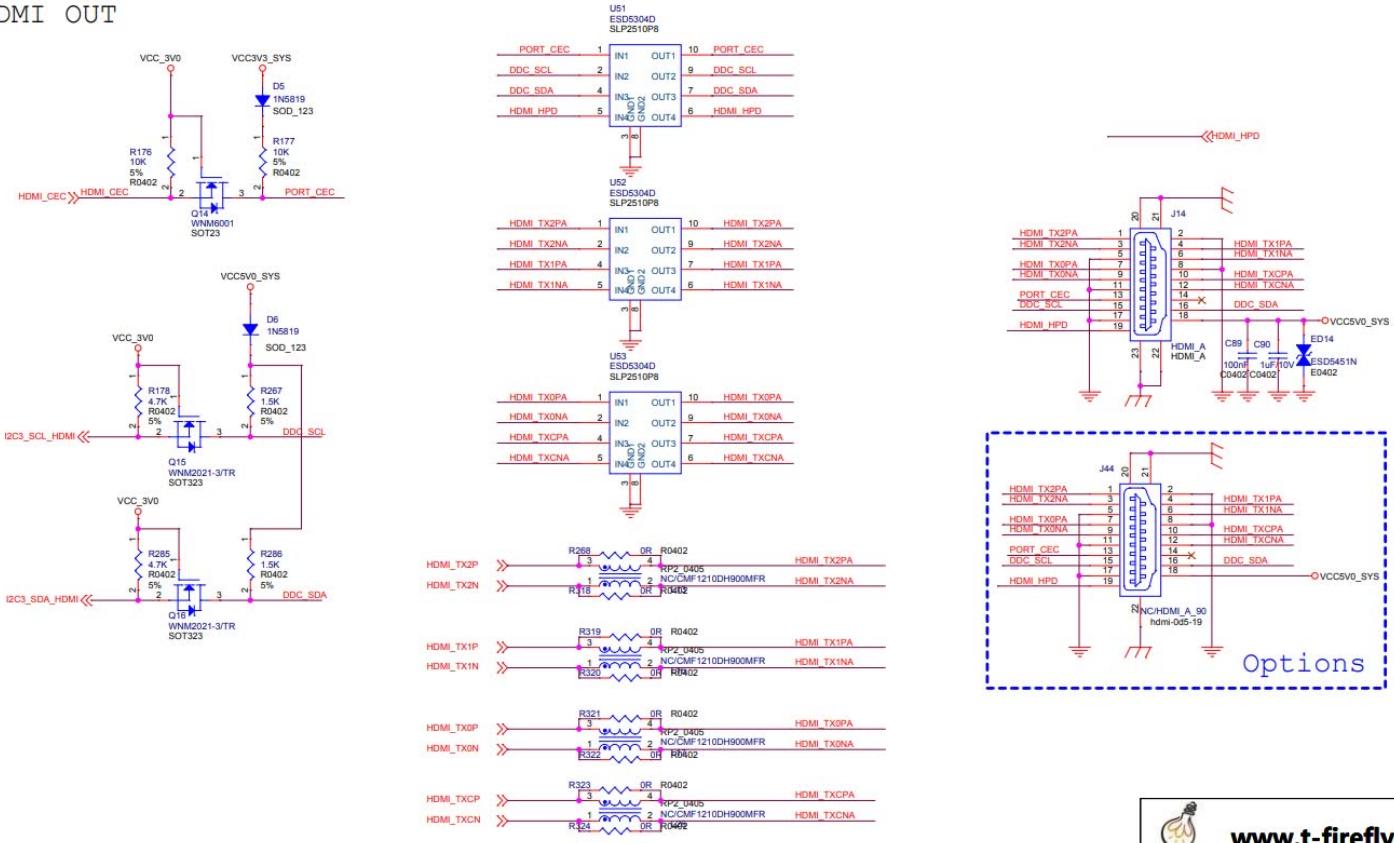
LED



KEY



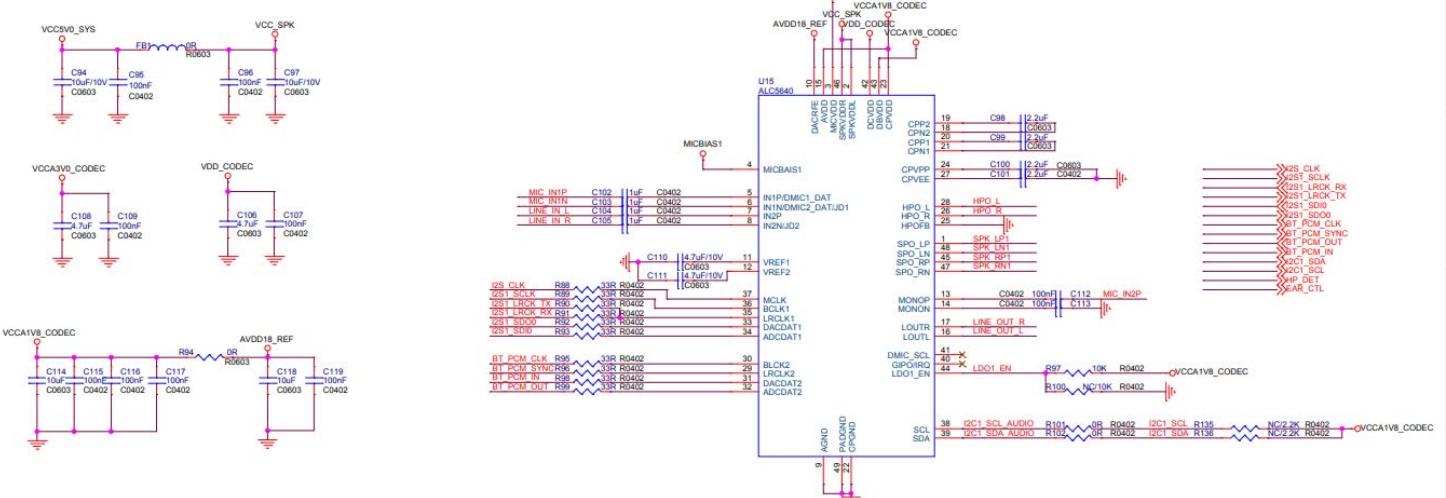
HDMI OUT



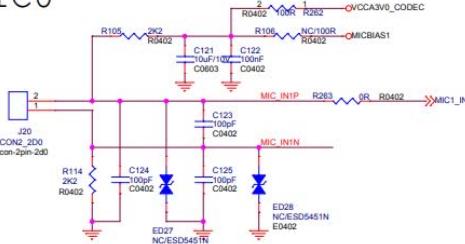
www.t-firefly.com

Title: <u>HDMI OUT</u>	
File: <u>MB-JD4-RK3399&3399PRO</u>	REV: V0.0
Create Date: Thursday, January 03, 2019	Page Num: 8
Modify Date: Friday, April 19, 2019	Page Total: 20

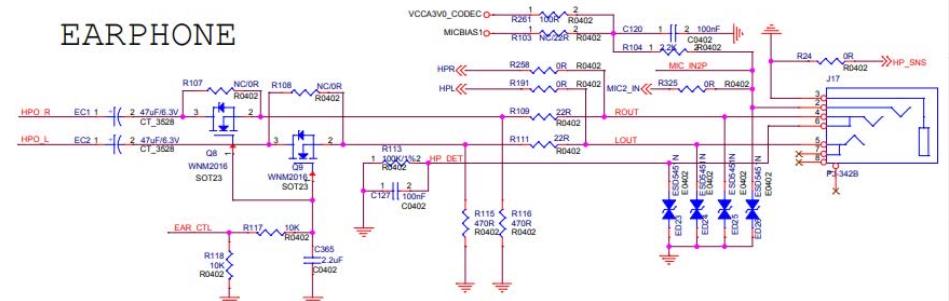
CODEC



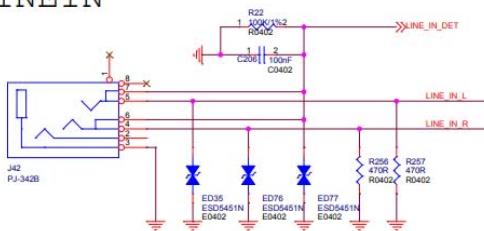
MICO



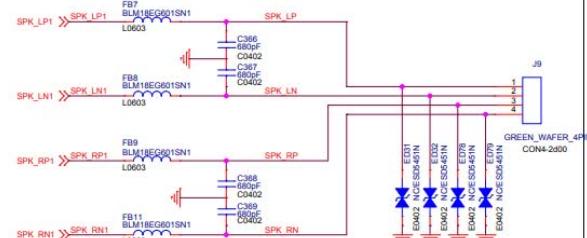
EARPHONE



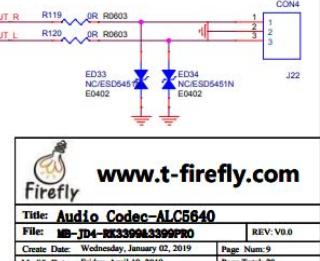
LINE IN



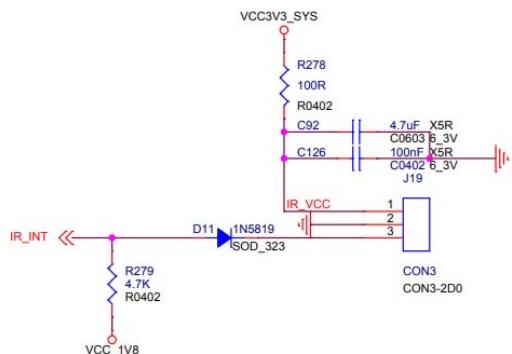
SPEAKER



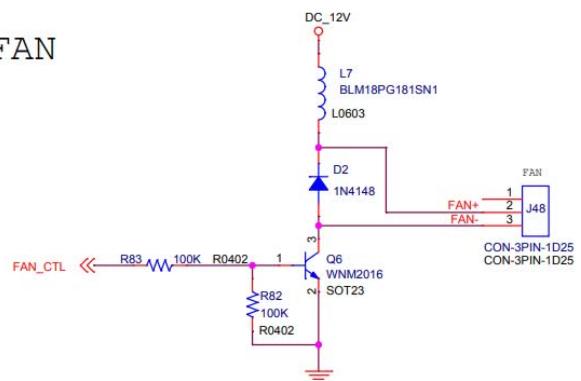
LINE OUT



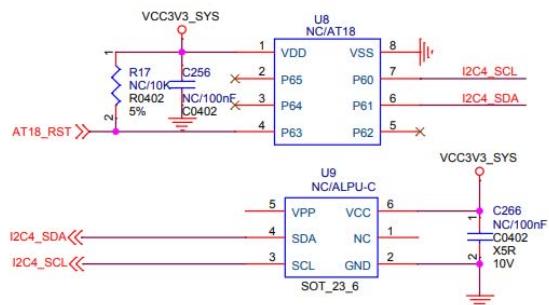
IR Receiver



FAN



Encryption



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Title: IR/Encryption/FAN

File: MB-JD4-RK3399&3399PRO REV: V0.0

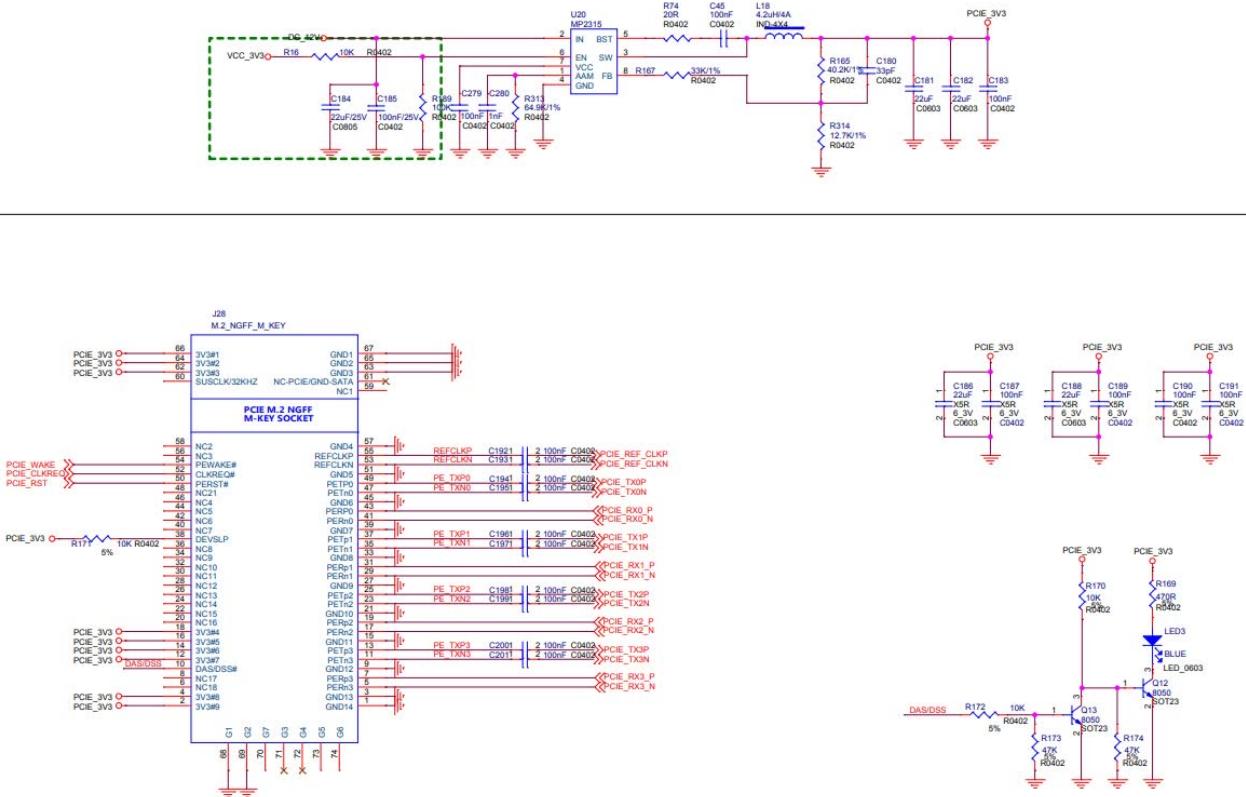
Create Date: Friday, October 19, 2018

Page Num: 10

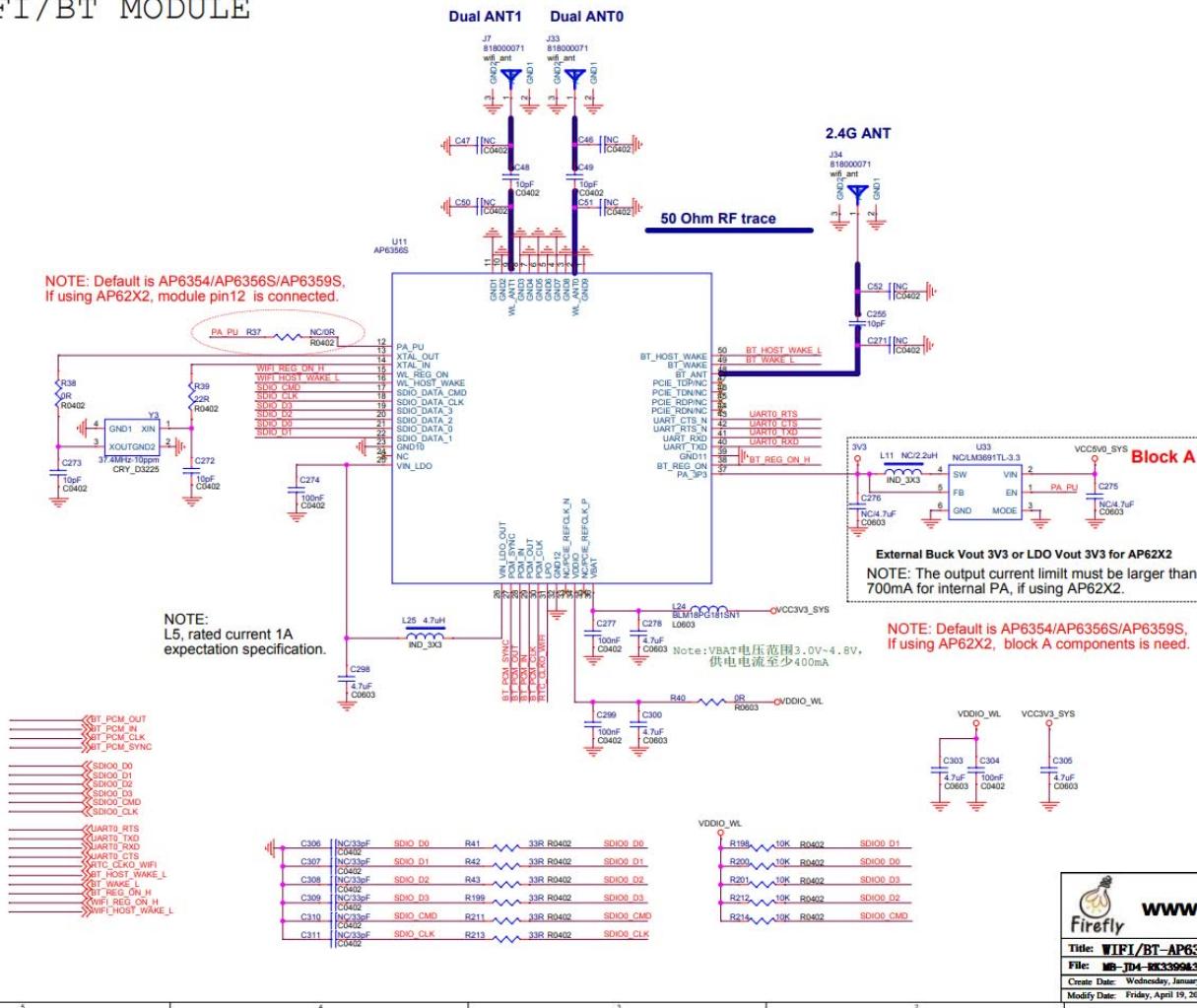
Modify Date: Friday, April 19, 2019

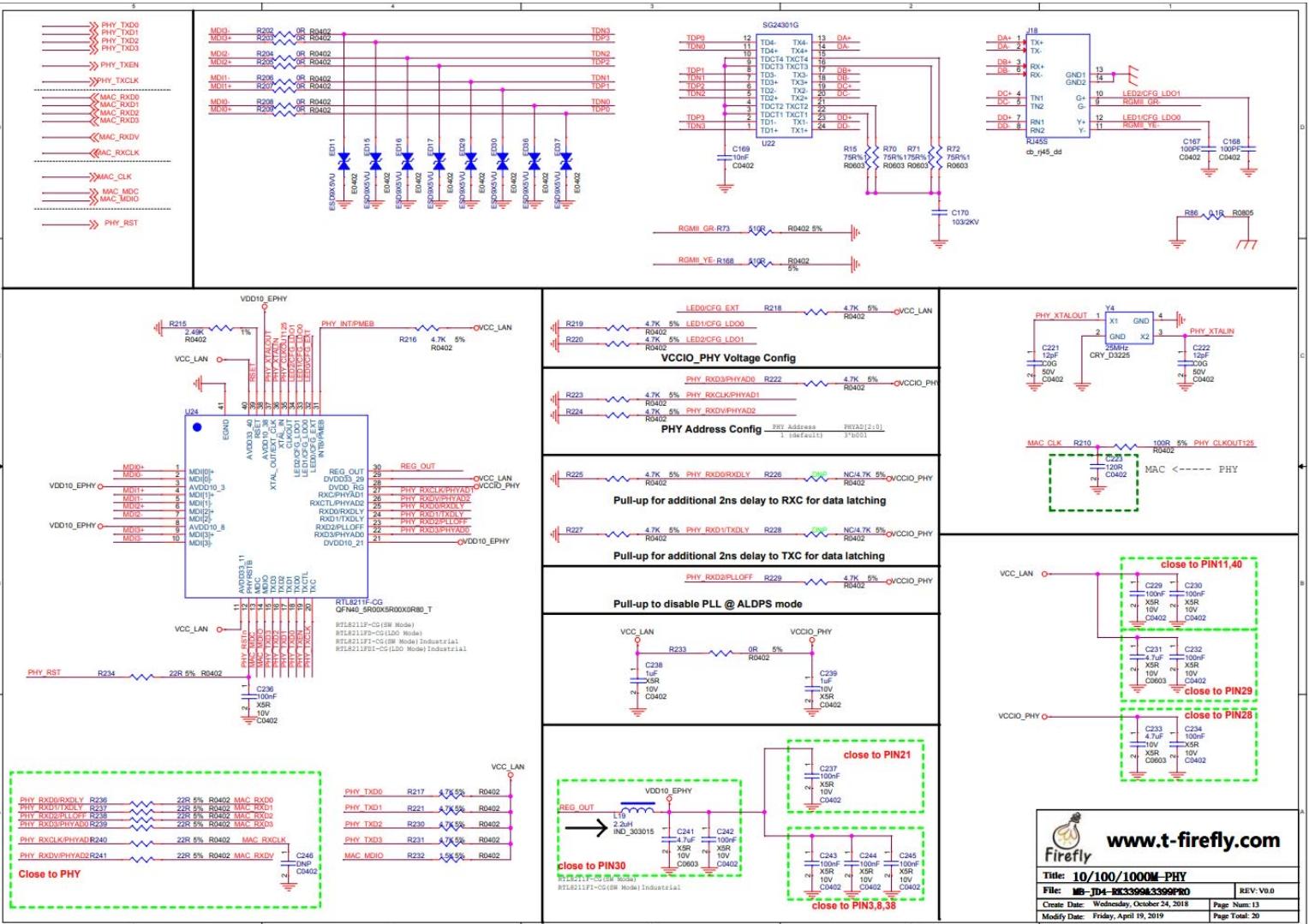
Page Total: 20

M2 . NGFF

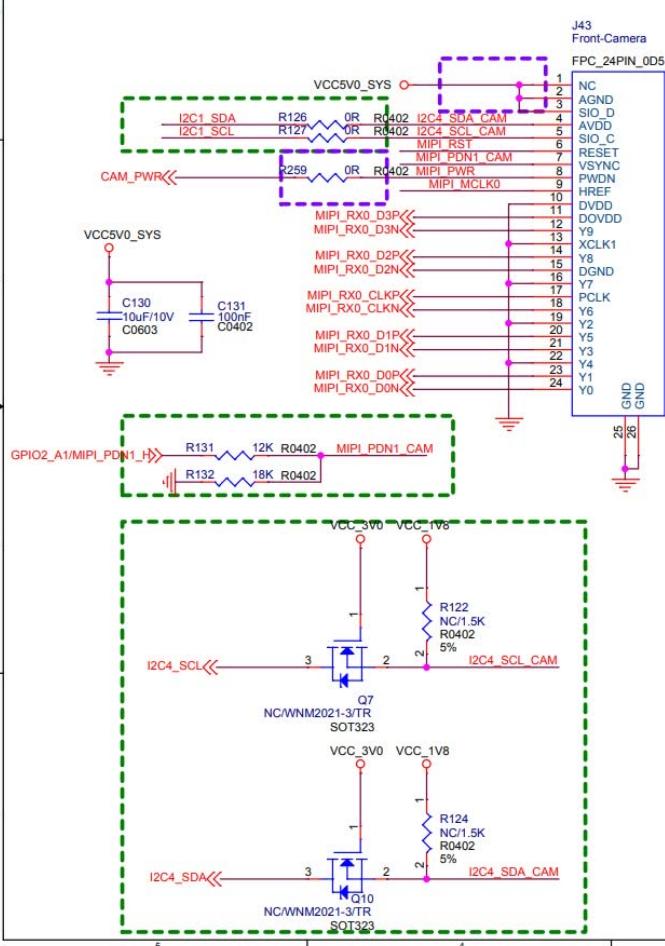


WIFI/BT MODULE

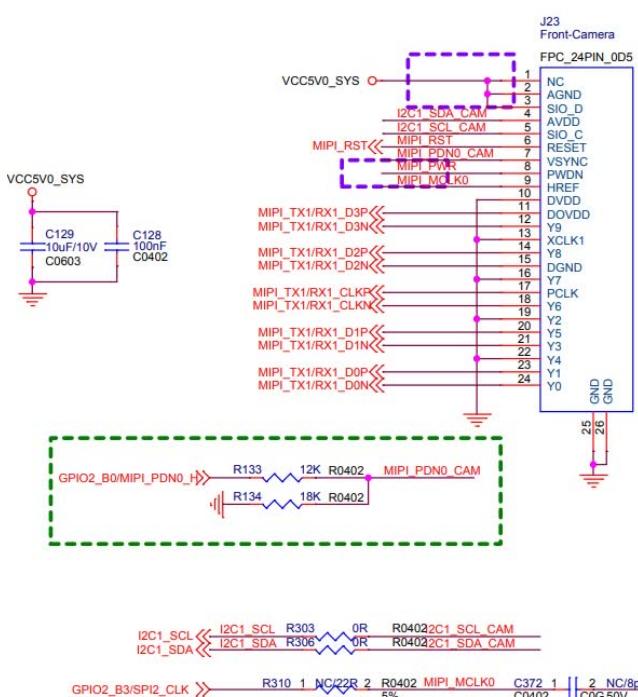




MIPI CAMERA 0



MIPI CAMERA 1



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Title: **MIPI Interface**

File: **MB-JD4-RK3399&3399PRO**

REV: V0.0

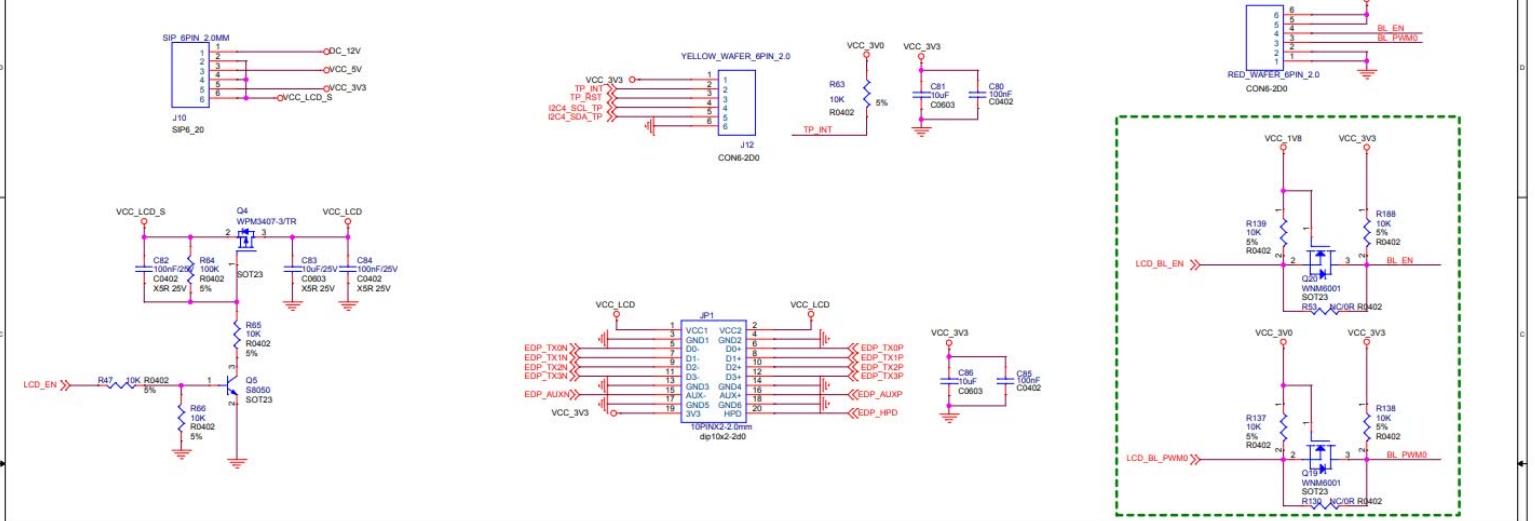
Create Date: Thursday, January 03, 2019

Page Num: 14

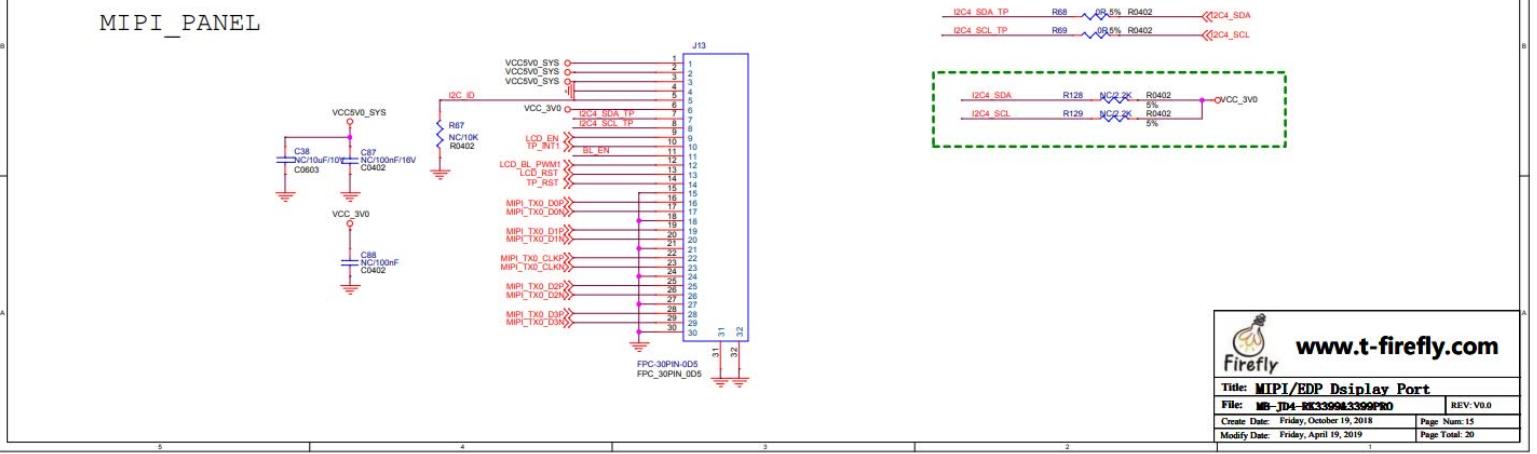
Modify Date: Friday, April 19, 2019

Page Total: 20

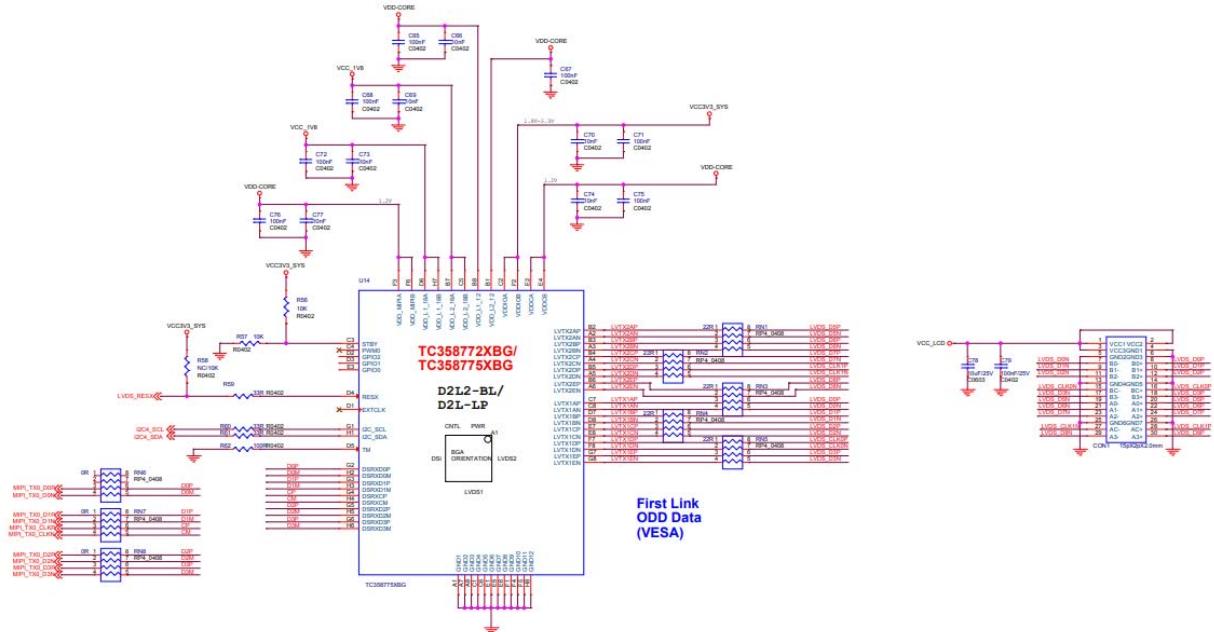
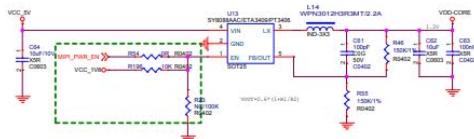
EDP Display Interface



MIPI_PANEL



MIPI Panel

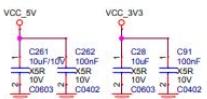
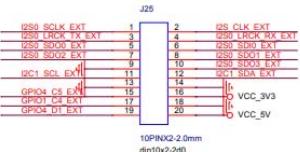


LVDS MAIN HEADER
(VESA Naming Convention for ODD/EVEN)

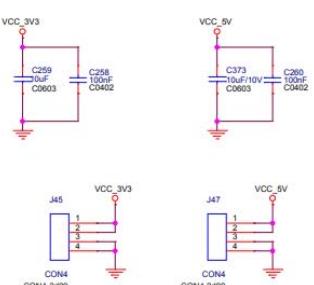


www.t-firefly.com
Firefly
Title: DOUBLE LVDS
File: MIPI-RECOMMENDED.PDF REV. V1.0
Create Date: Friday, October 18, 2013 Page: Note 10
Modify Date: Friday, April 18, 2014 Page: Note 20

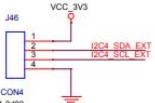
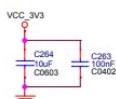
I2S/GPIO



POWER OUT



I2C4



I2C4_SDA EXT
I2C4_SCL EXT

GPIO2_B4/SP2_CSn0 EXT
GPIO2_B2/SP2_RXD/IC2C8_SDA EXT
GPIO2_B1/SP2_RXD/IC2C8_SCL EXT
GPIO2_B3/SP2_CLK EXT

SPI/GPIO

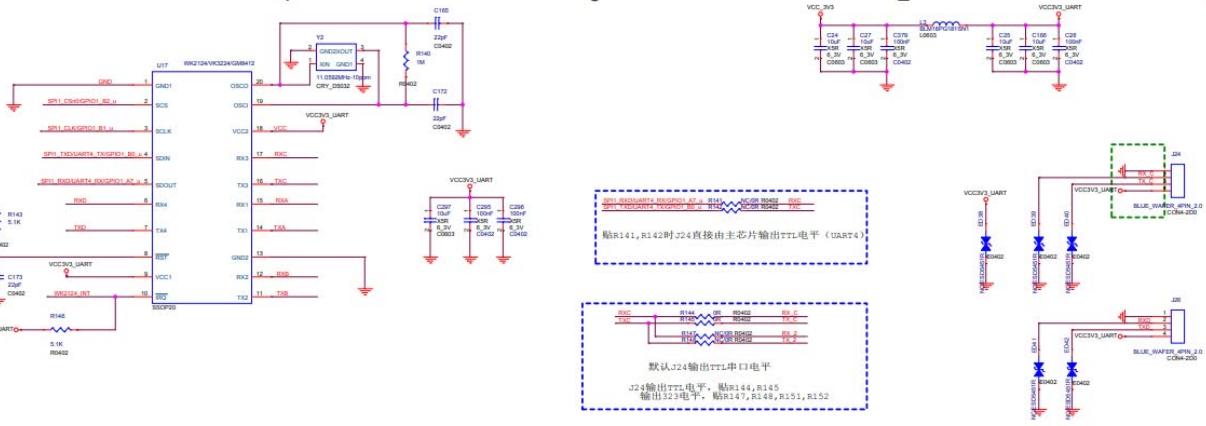


GPIO2_B4/SP2_CSn0
GPIO2_B2/SP2_RXD/IC2C8_SCL
GPIO2_B1/SP2_RXD/IC2C8_SDA
GPIO2_B3/SP2_CLK



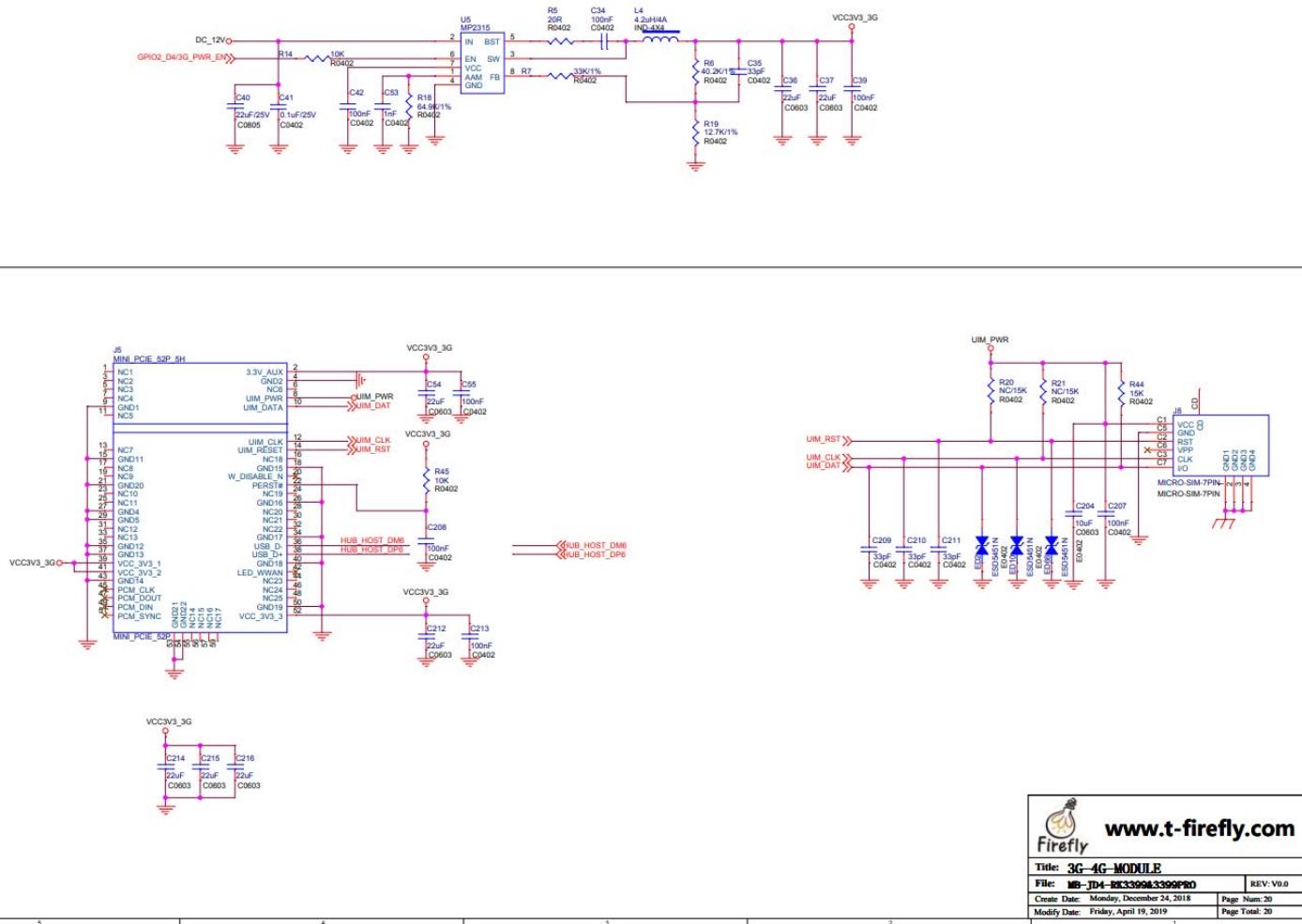
5 4 3 2 1

SPI TO UART





MINI PCIE-3G/4G



 **Firefly** www.t-firefly.com
Title: 3G-4G-MODULE
File: MB-JD4-RK3399/RK3399PRO REV: V0.0
Create Date: Monday, December 24, 2018 Page Num: 20
Modify Date: Friday, April 19, 2019 Page Total: 20

