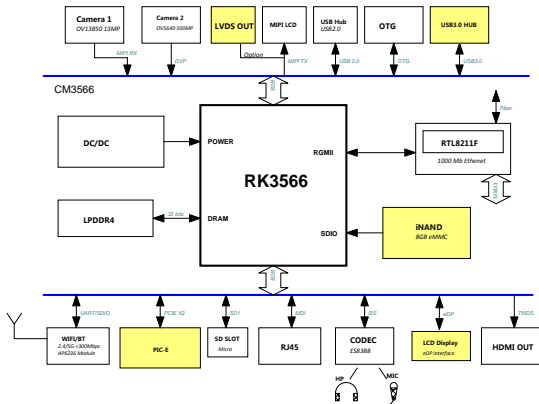


EM3566 Block Diagram



RK3566I2C MAP

Port	Pin name	Domain	Bus name	Pull-up voltage	Slave Device	Slave Addr (MS 7Bits)	Note	Slave Bus Capability
			I2C_00A_M0001 I2C_00C_M0001				00001	
I2C2				VIOCTV0_00V			Camera	
I2C3				00V			Touch	



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I2C Map

Doc No: **EM3566**

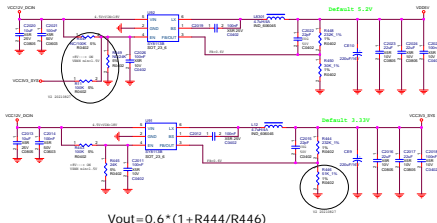
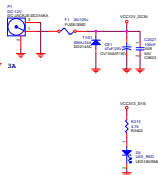
Date: Friday, November 03, 2015

Drawn: **YH**

Check: **3**

Main Power

DC=12V 3A

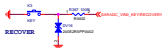


$$V_{out}=0.6*(1+R444/R446)$$

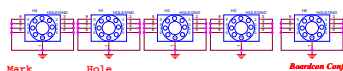
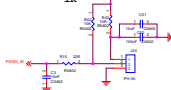


RTC Power

KEY



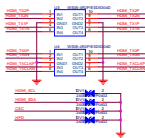
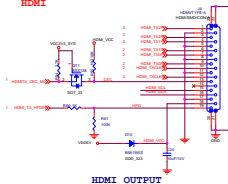
IR



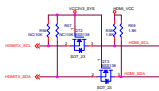
Mark Hole



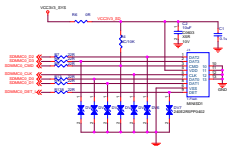
HDMI



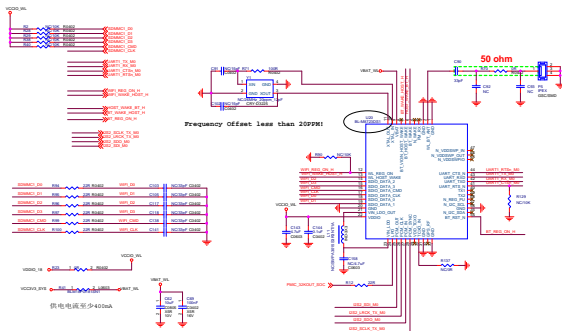
I2C Level Shift



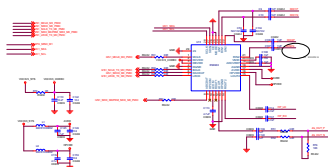
Micro SD



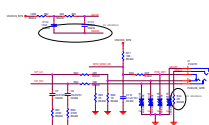
WIFI/BT MODULE



Audio Codec

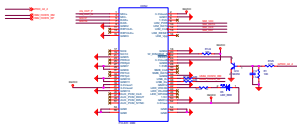


EARPHONE

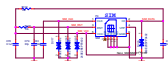
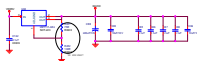


Mobile Module

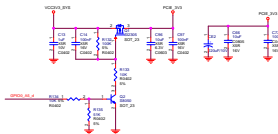
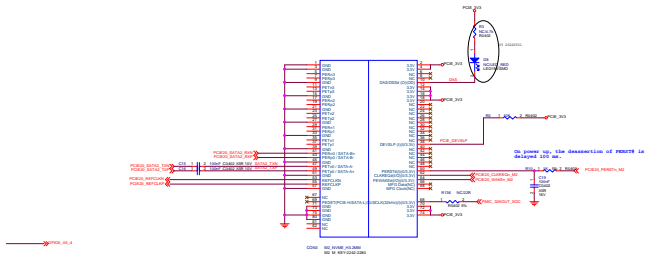
MINI PCI-E CON



3.427



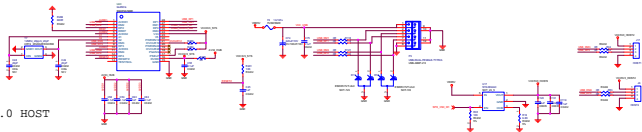
PCI.Express



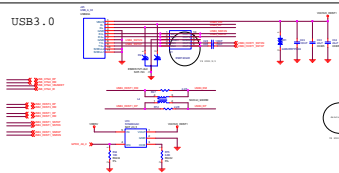
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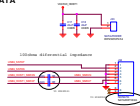
USB2.0 HOST



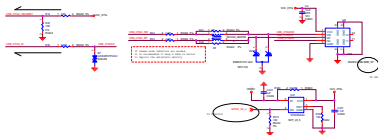
USB3.0



option SATA



USB2.0 OTG

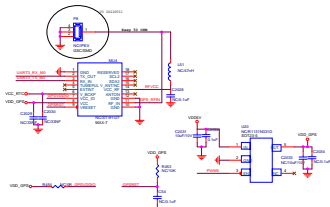


ADC

1V8 GPIO



GPS



UART



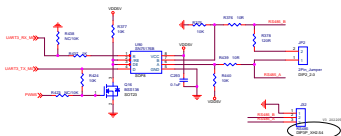
UART1

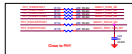
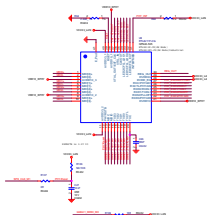
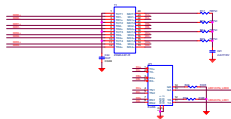


UART2



RS485





PROPERTY TAX - 2000	100.00	100.00	100.00
PROPERTY TAX - 2001	100.00	100.00	100.00
PROPERTY TAX - 2002	100.00	100.00	100.00
PROPERTY TAX - 2003	100.00	100.00	100.00

WCCIO_PHY Voltage Config



PHY Address Config. utility

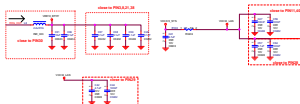


Pull-up for additional 2ms delay in RDC for data latching



Pull-up for additional 2ms delay in TXC for data latching

Pull-up to disable PLL @ ALDPE mode



SPDIF-OUT

