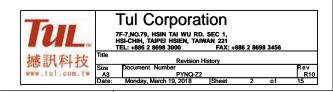
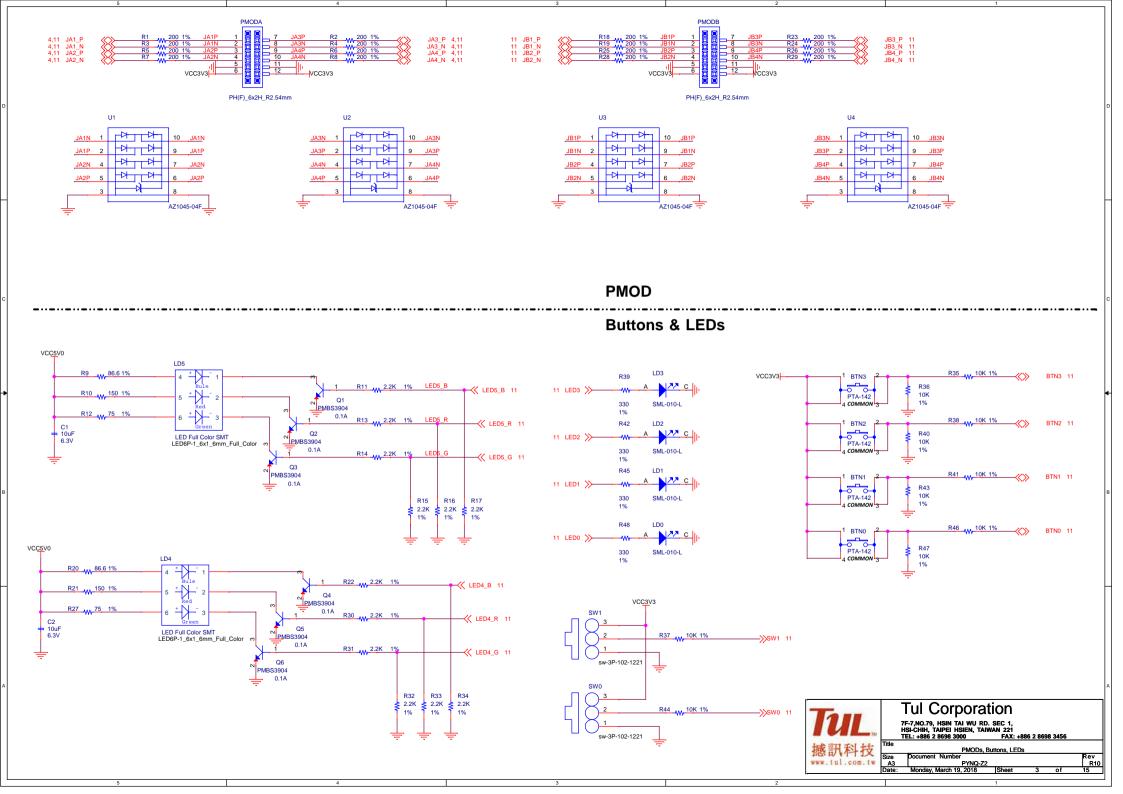
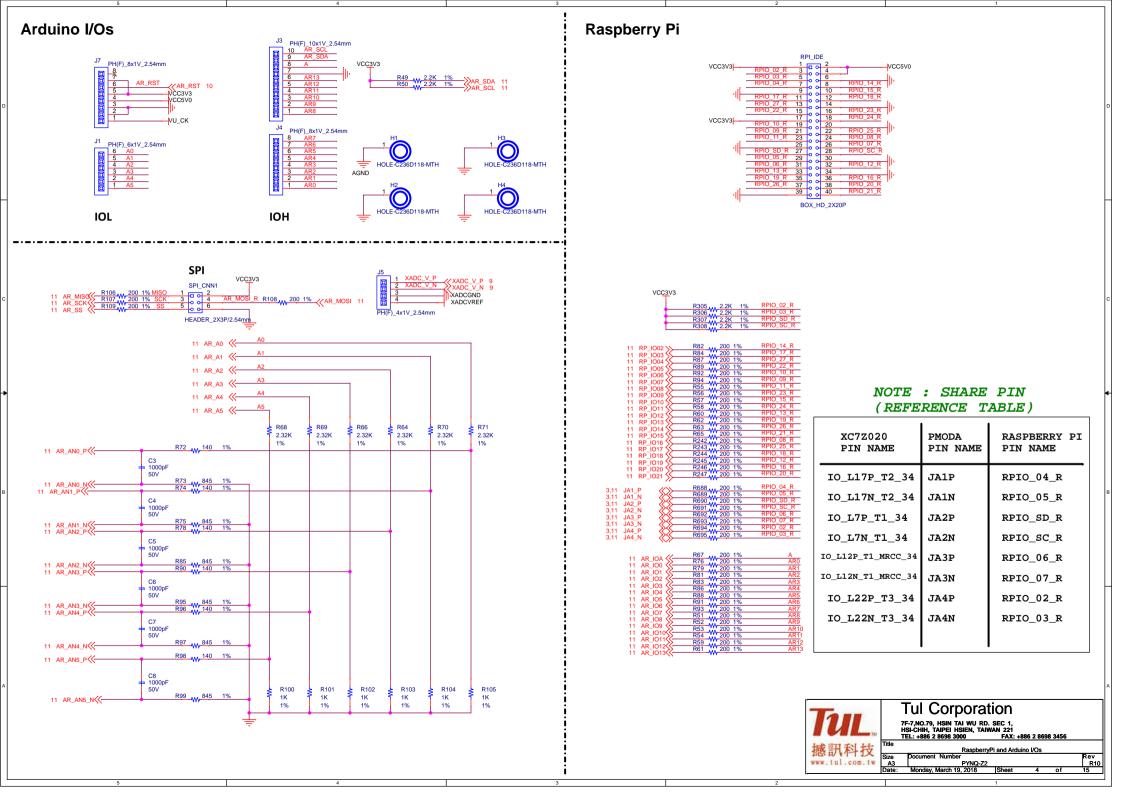


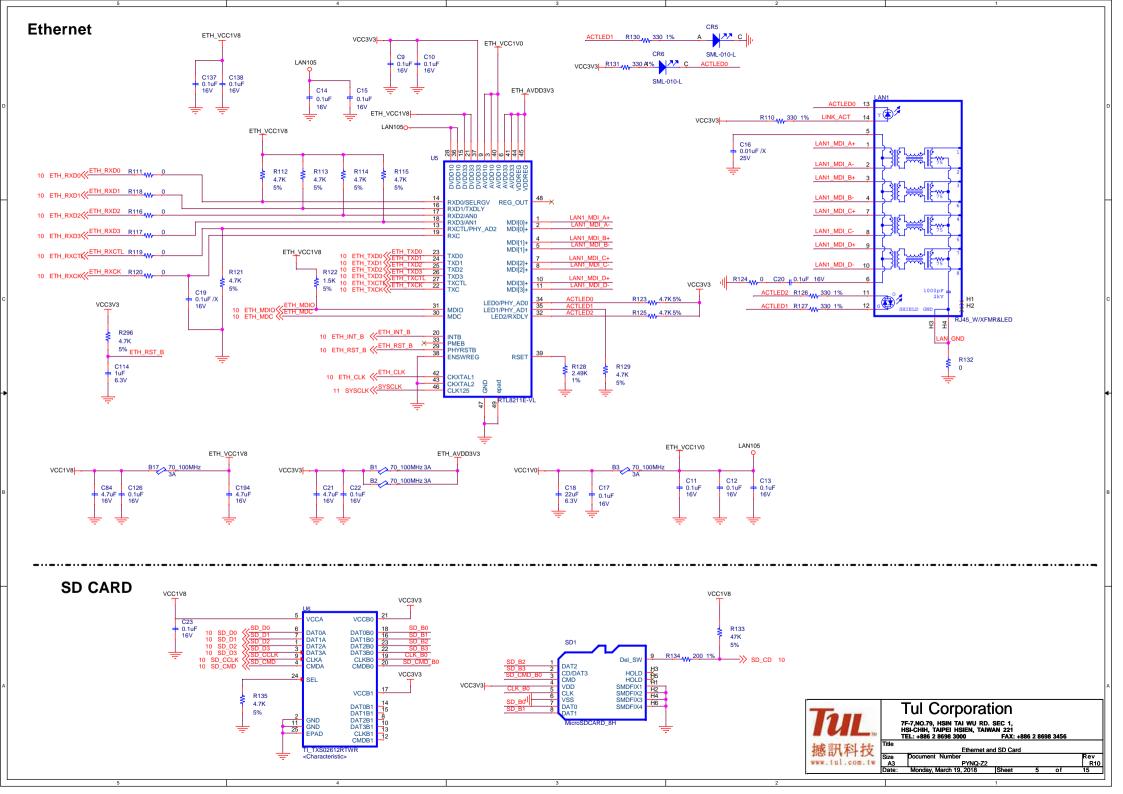
## **REVISION HISTORY:**

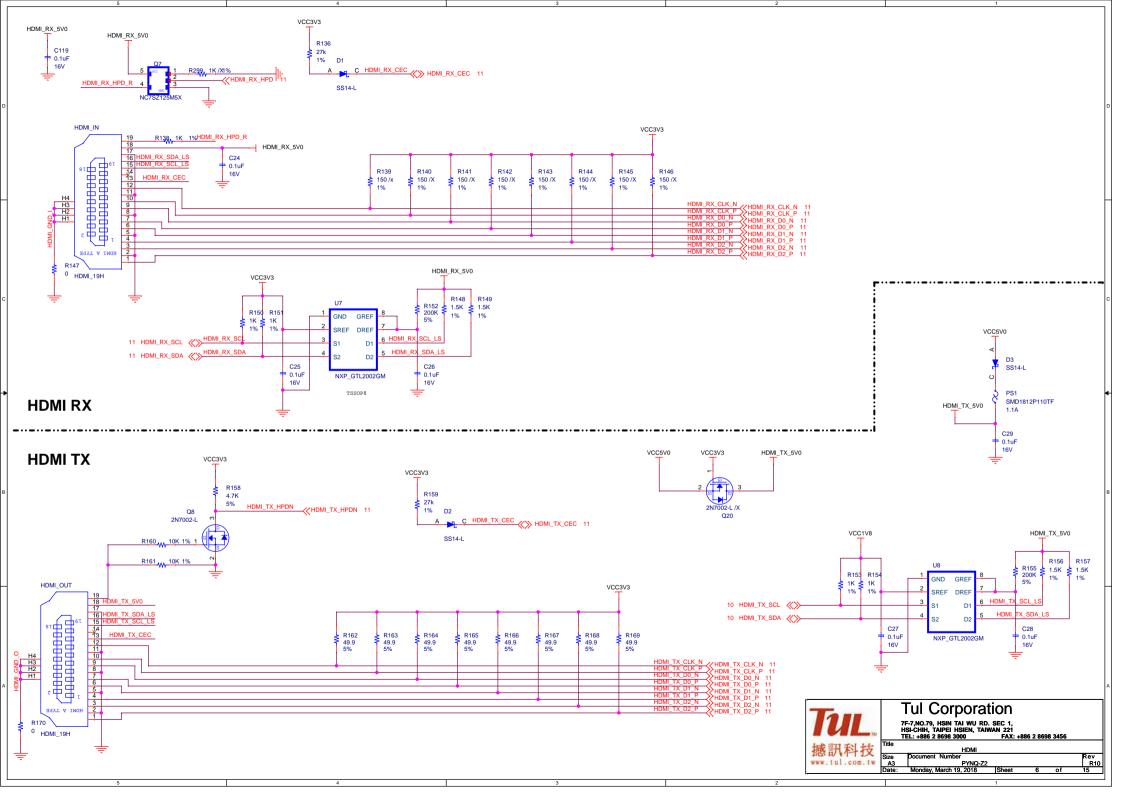
REV	DATE	NOTE
В	2017.09	Page 7: Change BTN1~4 pin definition
		Page 9: Change R296 pull up to +3.3V power rail.  ADD B3  DEL L1
		Page 10: Change Q7 to NC7SZ125M5X installed. Change Q8 to 2N7002 installed.
		Page 11: ADD C125 Change U9 PIN30 to PULL HI 1.8V Change U9 PIN29 to OTG_STP Change U11 PIN30 pill down Change U11 PIN18 pill down
		Page 12: Add pull up resistor for JTAG signal Change JTAG power name ADD R316~319 Change U12 PIN38,39 net name
		Page 14: Change R232 PIN1 net name
		Page 19: Modify JTAG POWER name for MAIN Power Select Change R292 to 100K Change C210 to 22uF/25V
		Page 8: JA4_P , JA4_N LINK TO RPI_IDE PIN3,5 RPI_IDE PIN12,16 SWAP PIN27,28
		Page 15: SOC PIN : V5 MODIFY NET NAME TO AU_RESET SOC PIN : U5 MODIFY NET NAME TO AU_MCLK_R
		Page 11: DEL C84,OSC2 ADD R312

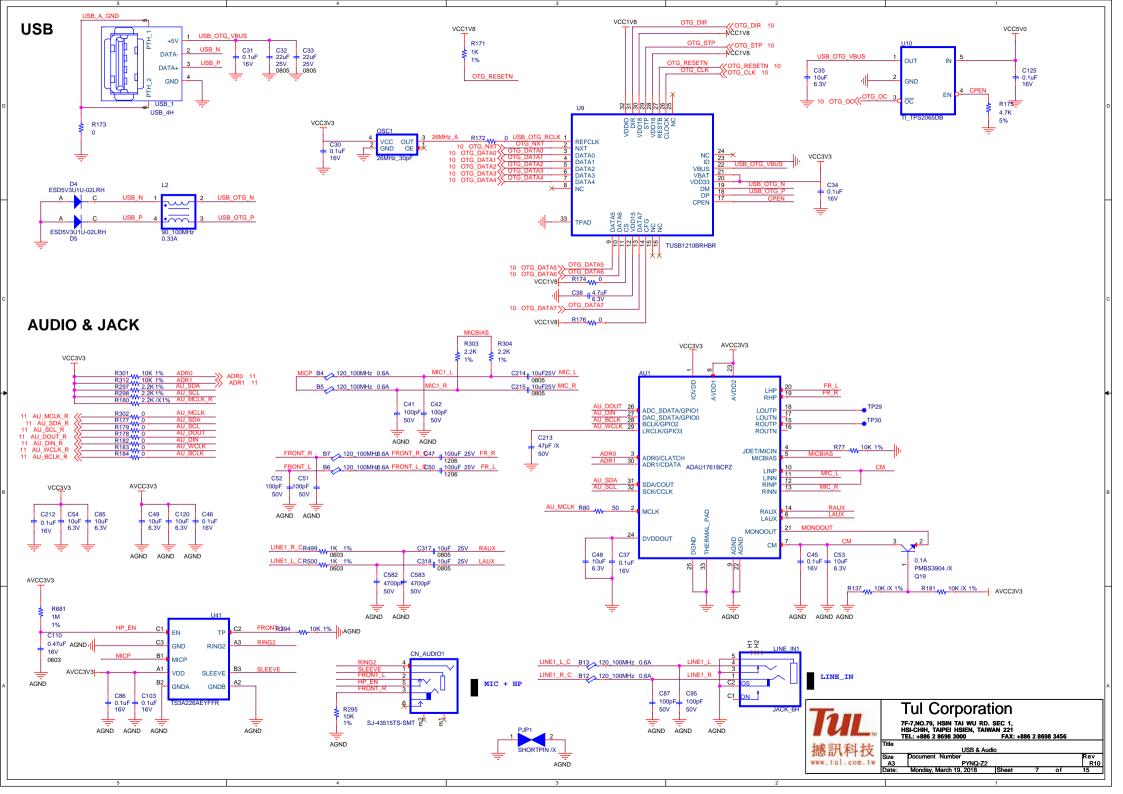


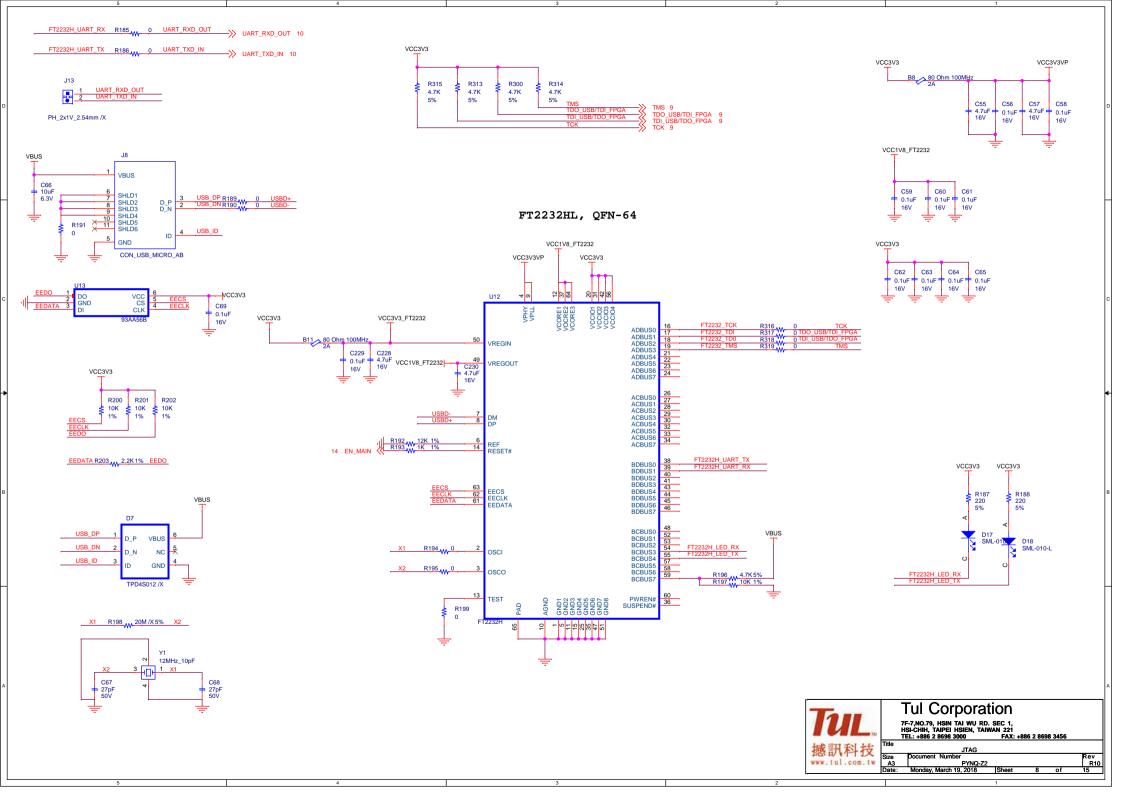


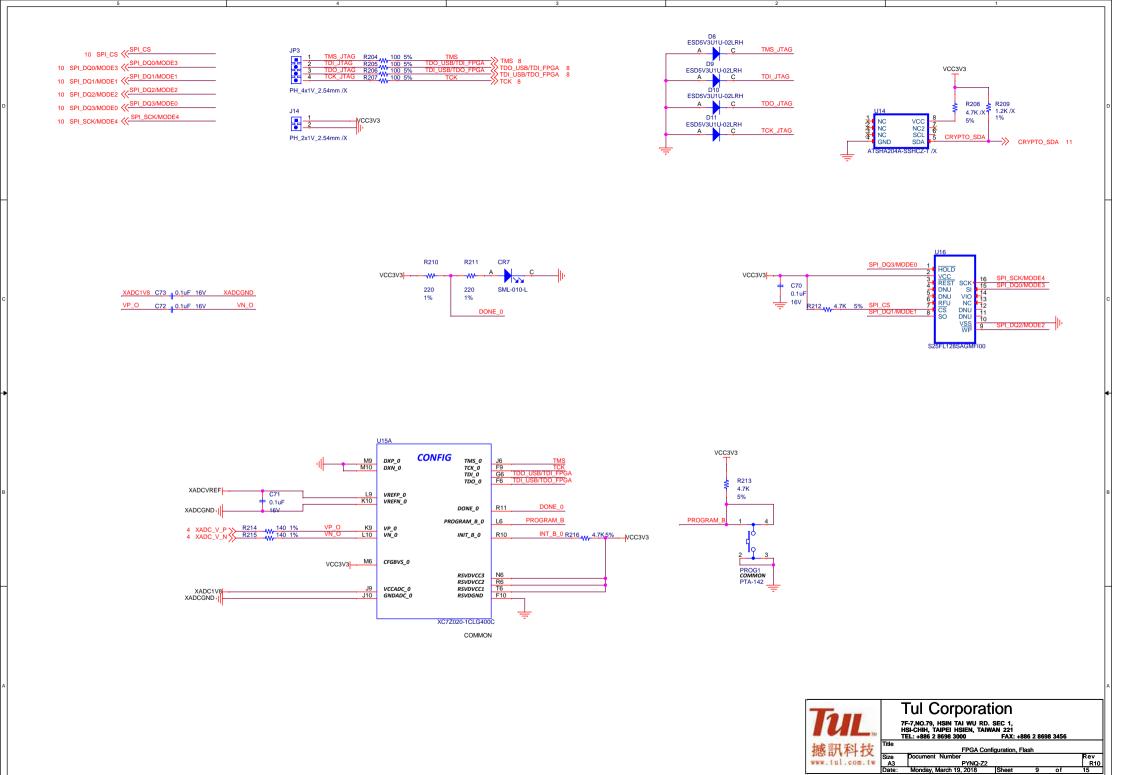


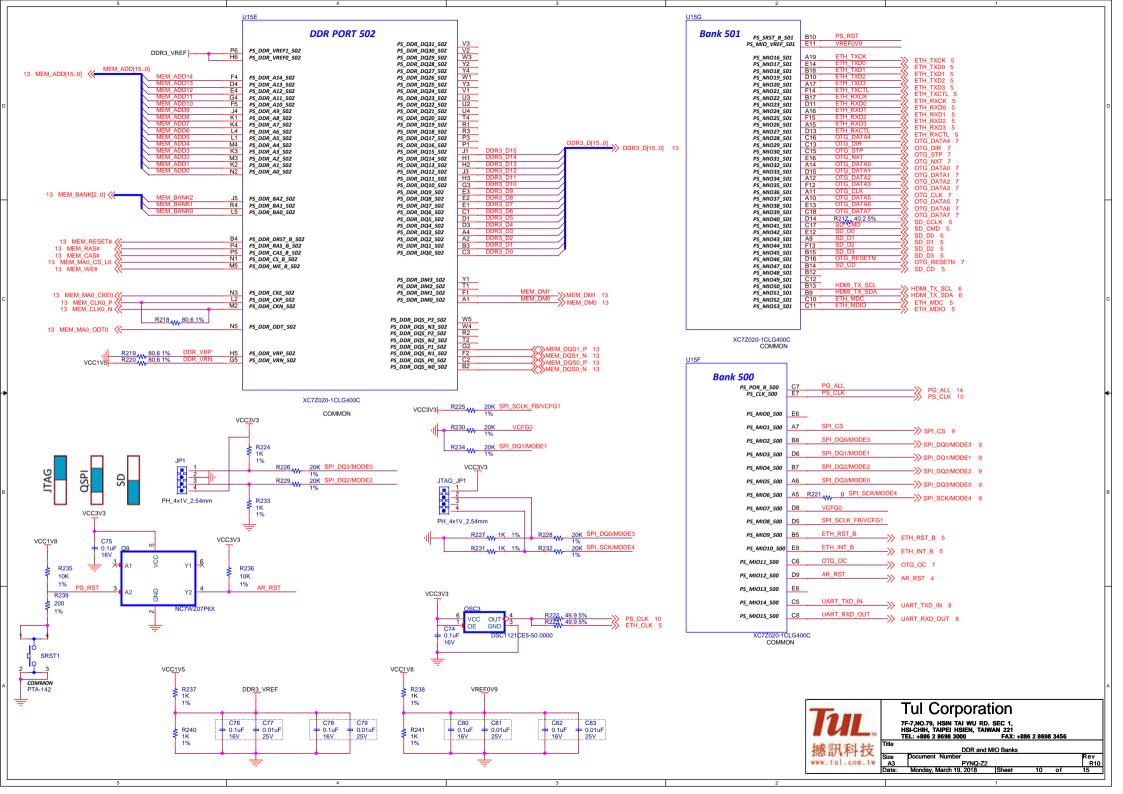


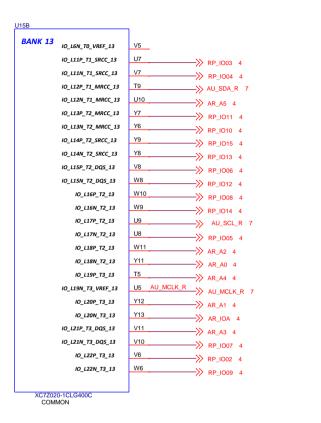


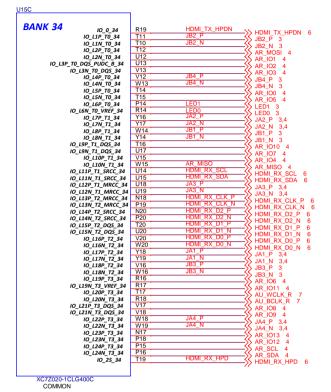












VCC3V3 R321 R322 R323 R324 R325 R326 R327 R328 49.9 49.9 5% 49.9 5% 49.9 5% 49.9 5% 49.9 5% 49.9 5% 49.9 5% HDMI\_RX\_CLK\_P HDMI\_RX\_D0\_N BANK 35 LED5\_B 10\_0\_35 G14 >> LED5\_B 3 IO\_L1P\_T0\_AD0P\_35 IO\_L1N\_T0\_AD0N\_35 RP\_IO18 4 RP\_IO19 4 IO\_L2P\_TO\_AD8P\_35 IO\_L2N\_TO\_AD8N\_35 IO\_L3P\_TO\_DQS\_AD1P\_35 IO\_L3N\_TO\_DQS\_AD1N\_35 AR\_ANO\_N 4 IO\_L4P\_T0\_35 IO\_L4N\_TO\_35 BTN0 3 IO\_L5P\_T0\_AD9P\_35 AR\_AN1\_P 4 IO\_L5N\_T0\_AD9N\_35 IO\_L6P\_T0\_35 IO\_L6N\_T0\_VREF\_35 IO\_L7P\_T1\_AD2P\_35 ALL DOLLT R 7 SW1 3 SW0 3 IO\_L7N\_T1\_AD2N\_35 IO\_L8P\_T1\_AD10P\_35 M20 IO\_L8N\_T1\_AD10N\_35
IO L9P T1 DOS AD3P 35 ADR1 7 IO\_L9N\_T1\_DQS\_AD3N\_35 BTN2 3 IO L10P T1 AD11P 35 HDMI TX D1 P 6 IO\_L10N\_T1\_AD11N\_35 HDMI\_TX\_D1\_N 6 IO\_L11P\_T1\_SRCC\_35 IO\_L11N\_T1\_SRCC\_35 HDMI\_TX\_CLK\_N HDMI\_TX\_D0\_P IO L12P T1 MRCC 35 IO\_L12P\_T1\_MRCC\_35 K18 HDMI TX D HDMI\_TX\_D0\_N 6 IO\_L13P\_T2\_MRCC\_35 IO\_L13N\_T2\_MRCC\_35 IO L14P T2 AD4P SRCC 35 HDMI TX D2 P IO\_L14F\_12\_AD4F\_3RCC\_35 IO\_L14N\_T2\_AD4N\_SRCC\_35 IO\_L15P\_T2\_DQS\_AD12P\_35 IO\_L15N\_T2\_DQS\_AD12N\_35 HDMI\_TX\_D2\_I 6 RP\_IO16 4
RP\_IO17 4
LED4\_G 3
AU\_DIN\_R IO\_L16P\_T2\_35 IO L16N T2 35 IO\_L15N\_12\_35 IO\_L17P\_T2\_AD5P\_35 IO\_L17N\_T2\_AD5N\_35 IO\_L18P\_T2\_AD13P\_35 IO\_L18N\_T2\_AD13N\_35 AR\_AN4\_P 4 AR\_AN5\_P 4 H15 AR\_SCK G15 HDMI\_TX\_CE IO L19P T3 35 AR\_SCK 4 IO\_L19N\_T3\_VREF\_35 IO\_L20P\_T3\_AD6P\_35 AR AN2 P IO\_L20N\_T3\_AD6N\_35 IO\_L21P\_T3\_DQS\_AD14P\_35 AR AN2 N 4 IO\_L21N\_T3\_DQS\_AD14N\_35 IO\_L22P\_T3\_AD7P\_35 LED5\_G LED4\_B LED2 3 LED5\_G 3 IO\_L22N\_T3\_AD7N\_35 IO\_L23N\_T3\_AD7N\_35 LED4\_B 3 LED3 3 IO\_L23N\_T3\_35 IO\_L24P\_T3\_AD15P\_35 LED5\_R 3 IO\_L24N\_T3\_AD15N\_35 IO\_L25\_35 ->> AR\_AN3\_N 4 ->> CRYPTO\_SDA 9

U15D

XC7Z020-1CLG400C

COMMON

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Size POCUMENT Number PYNQ-72
Date: Monday, March 19, 2018 | Sheet 11 of 15

