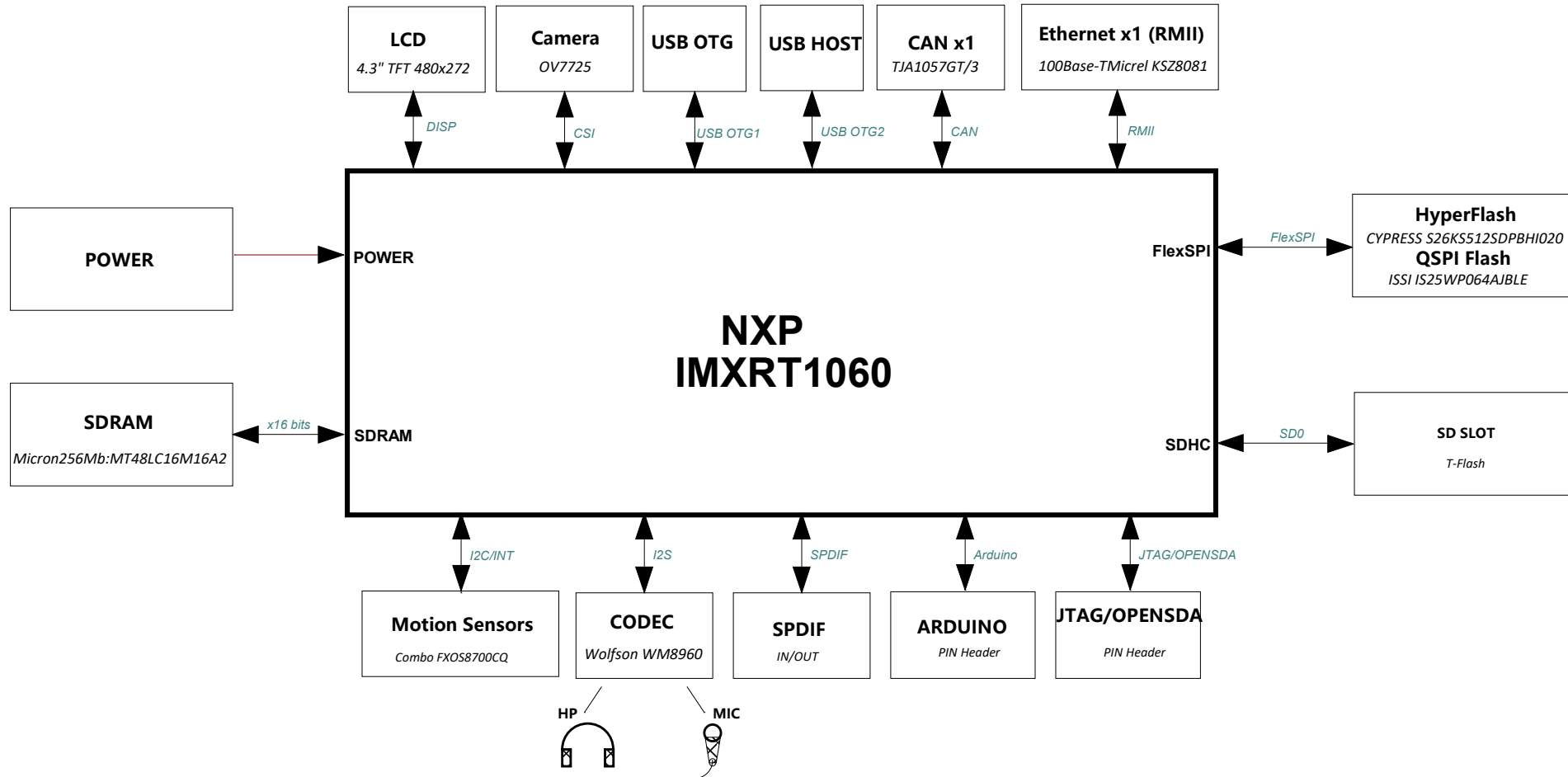



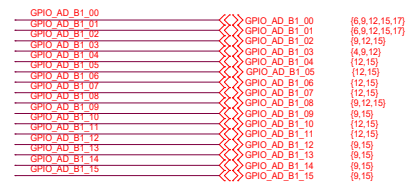
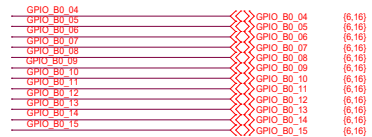
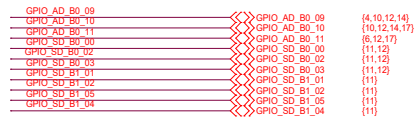
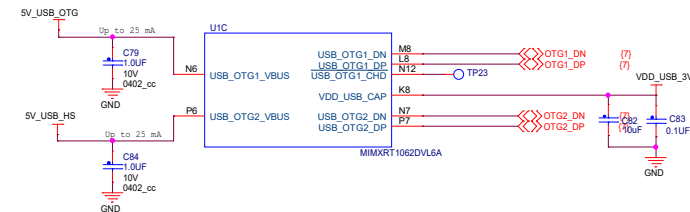
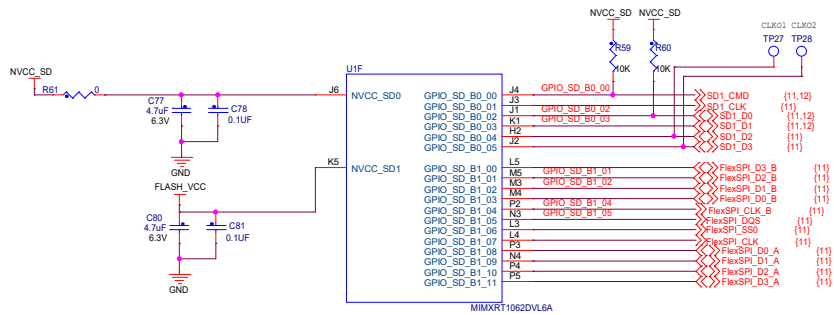
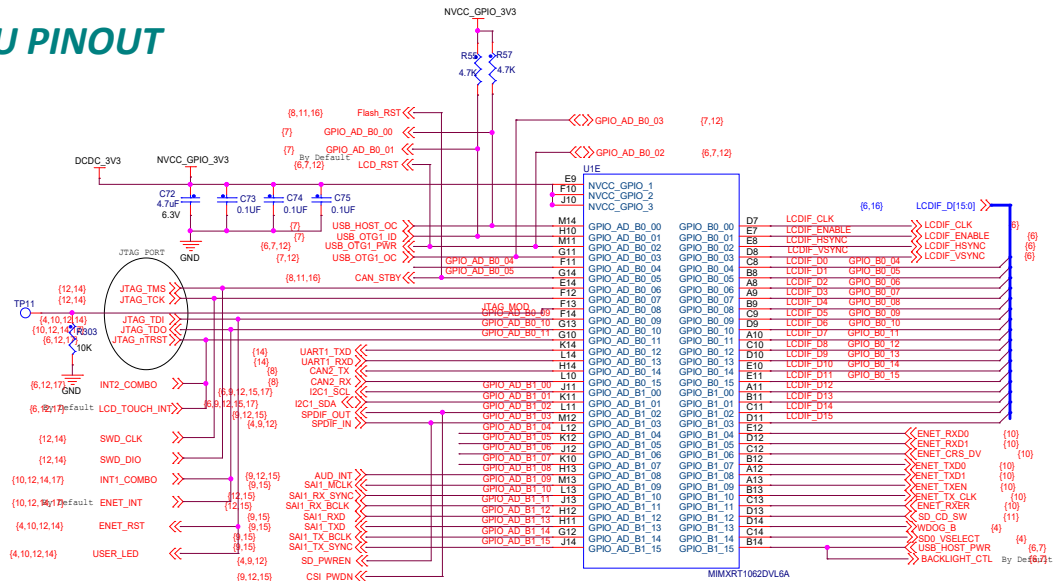
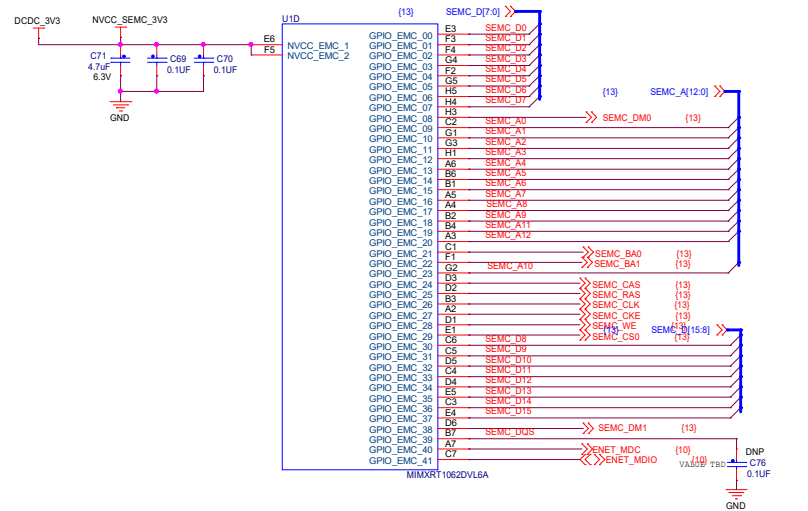
MIMXRT1060-EVK



Four circuit diagrams are shown, each representing a different component configuration. Each diagram consists of a blue rectangular component labeled with a header (H1, H2, H3, or H4) and a length (.635" LONG). The component is connected to a ground symbol (GND) via a red line. The ground symbol is represented by three horizontal lines of decreasing width, with the top line being the longest and the bottom line being the shortest.

				
ICAP Classification: CP: IUG: X PURI:				
Drawing Title: MIMXRT1060-EVK				
Page Title: MAIN POWER				
Size C	Document Number	SCH-31357, PDF: SPF-31357		Rev A2
Date:	Monday, June 11, 2018	Sheet	3 of 17	

MCU PINOUT



ICAP Classification: CP: ___ IUO: X PUBI: ___

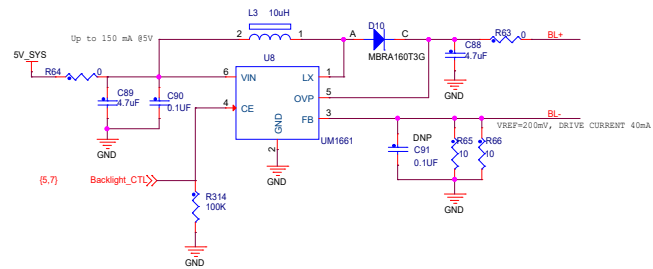
Drawing Title: **MIMXRT1060-EVK**

Page Title: MIMXRT1062DVL6A

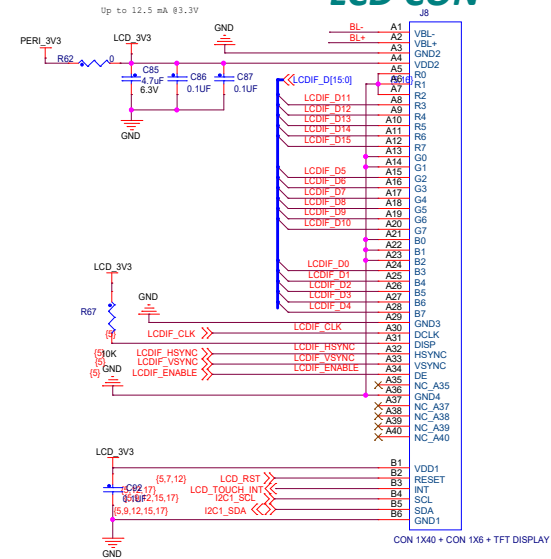
Size C	Document Number SCH-31357, PDF: SPF-31357
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Date:	Monday, June 11, 2018	Sheet	5	of	17
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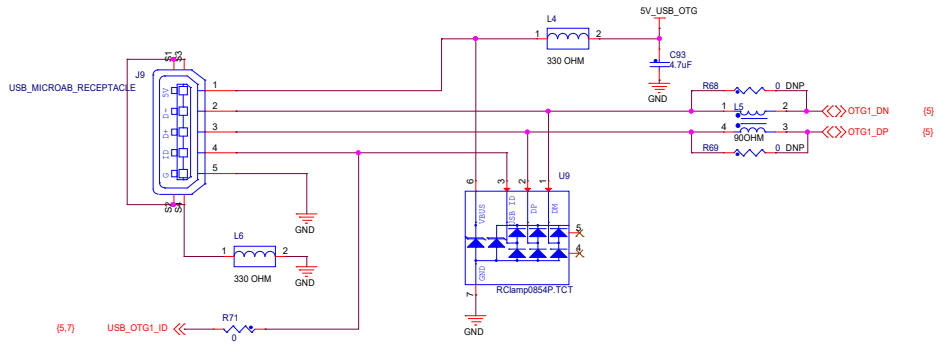
Backlight Control



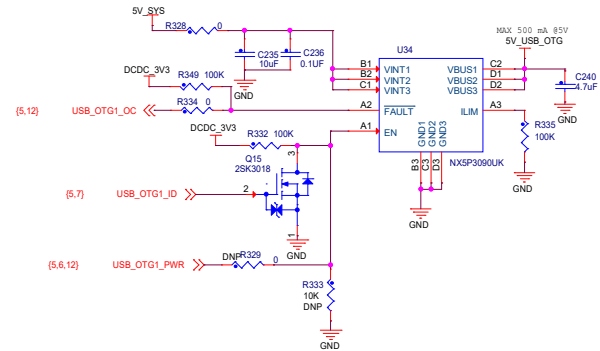
LCD CON



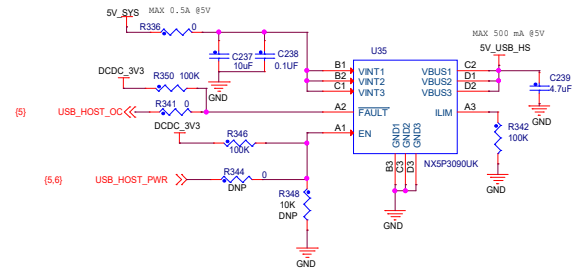
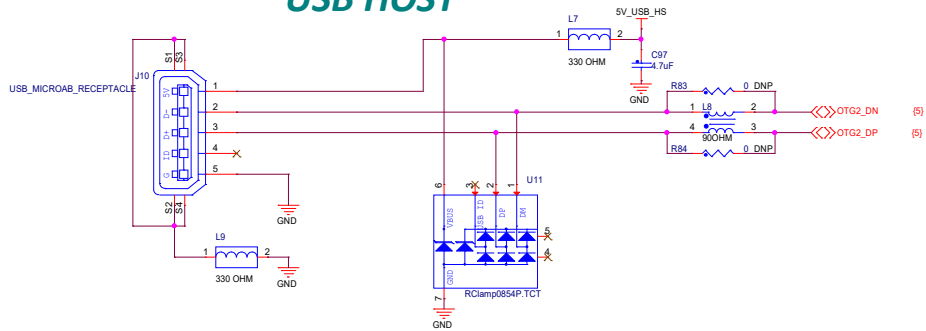
USB OTG



USB POWER

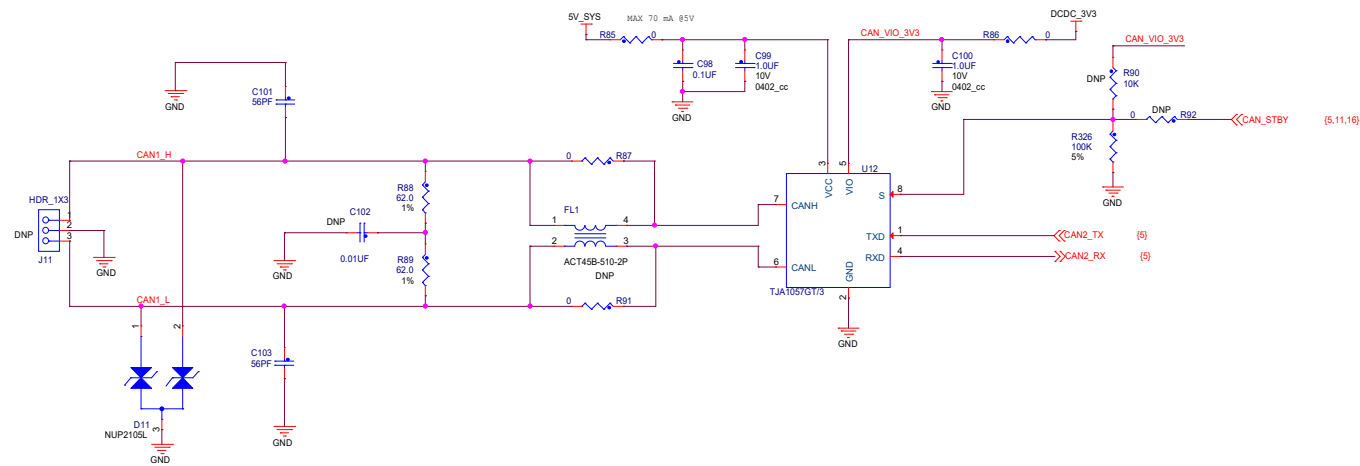


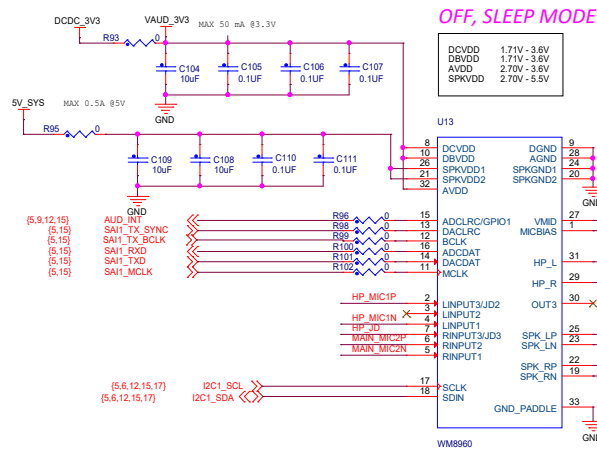
USB HOST



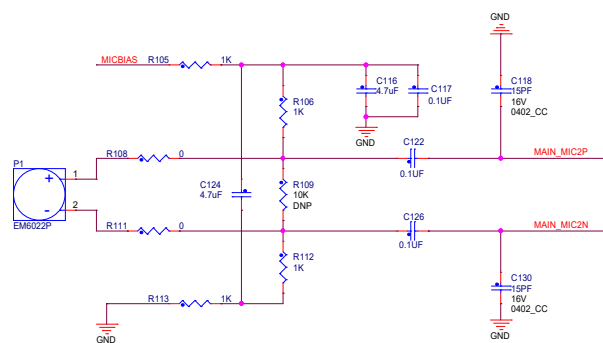
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Drawing Title:				
MIMXRT1060-EVK				
Page Title:				
USB				
Size C	Document Number SCH-31357, PDF: SPF-31357			Rev A2
Date:	Monday, June 11, 2018		Sheet	7 of 17

CAN BUS

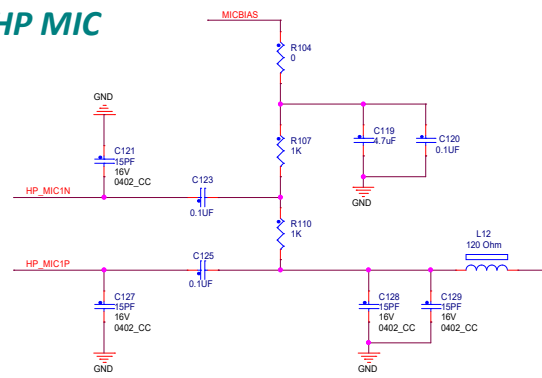




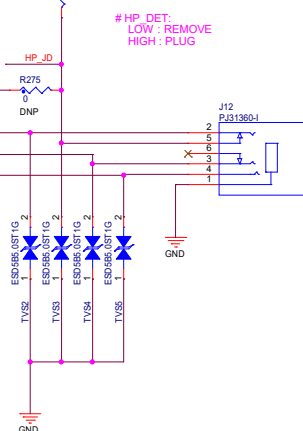
Main Board MIC



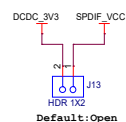
HP MIC



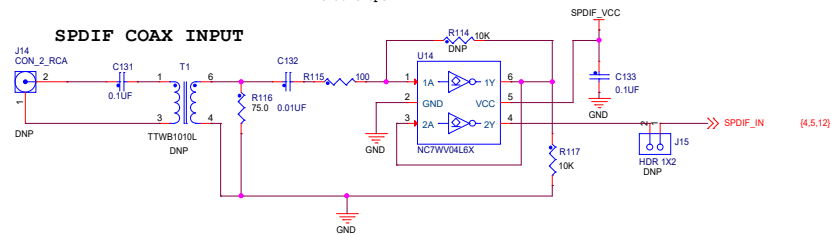
HP JACK



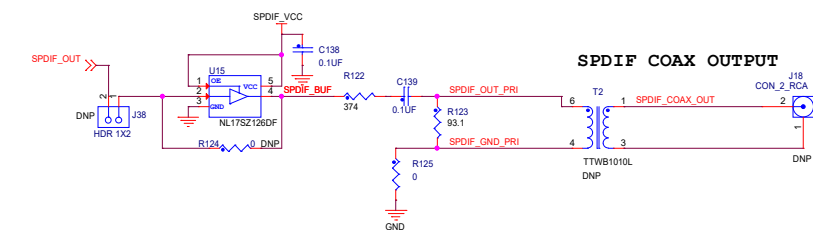
SPDIF INTERFACE



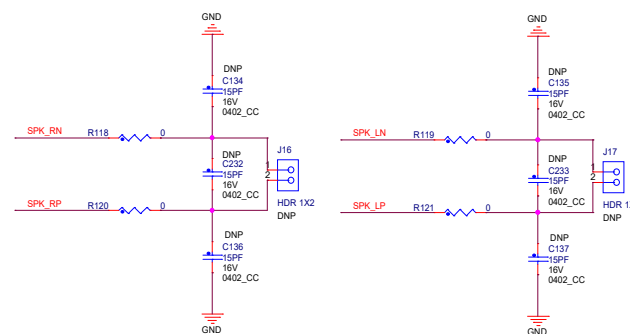
SPDIF COAX INPUT



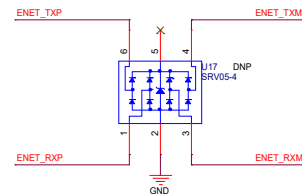
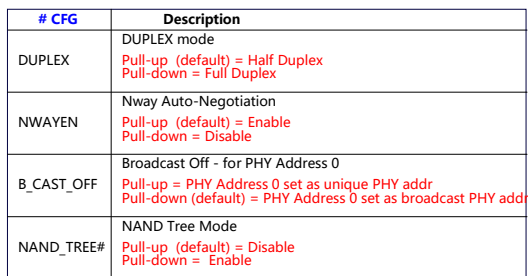
SPDIF COAX OUTPUT

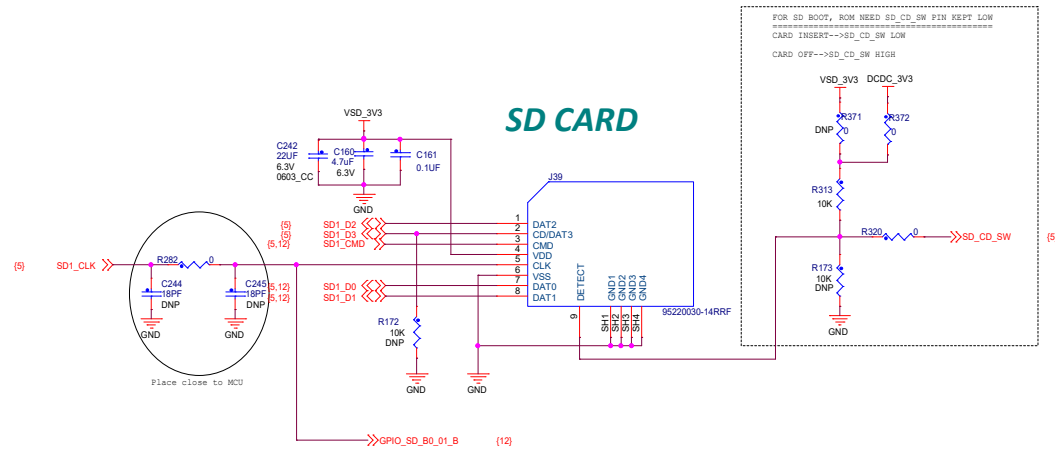


Speaker



ICAP Classification: CP: IUX: X PUB:	
Drawing Title: MIMXRT1060-EVK	
Page Title: AUDIO	
Size C	Document Number SCH-31357, PDF: SPF-31357
Date: Monday, June 11, 2018	Sheet 9 of 17

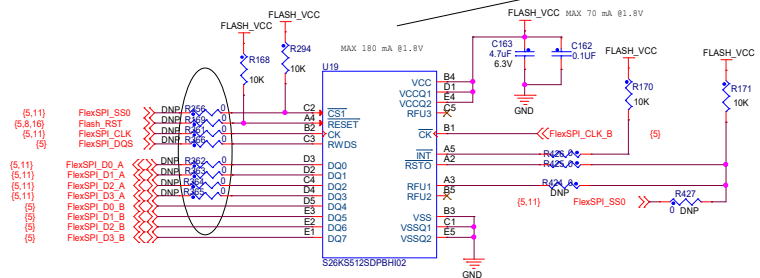




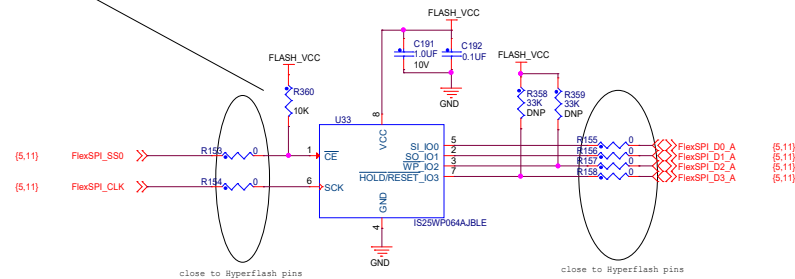
1V8 HyperFlash

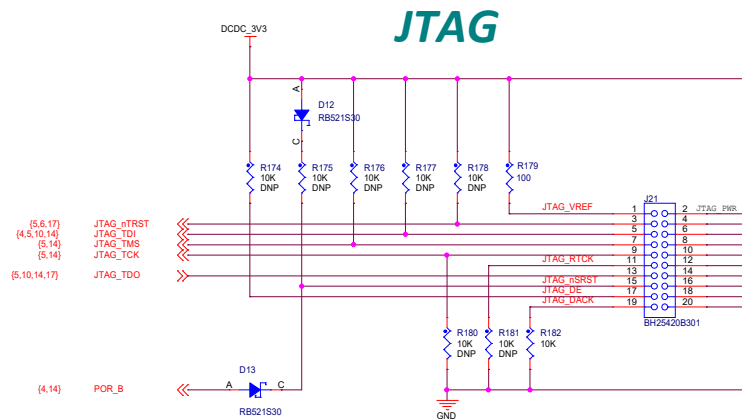
OPTION1: USE Hyperflash(DNP R153~R158, Mount R356,R361~R366)
OPTION2: USE QSPI FLASH(Mount R153~R158, DNP R356,R361~R366)

1V8 QSPI Flash

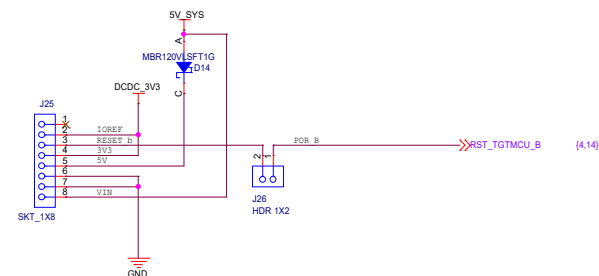
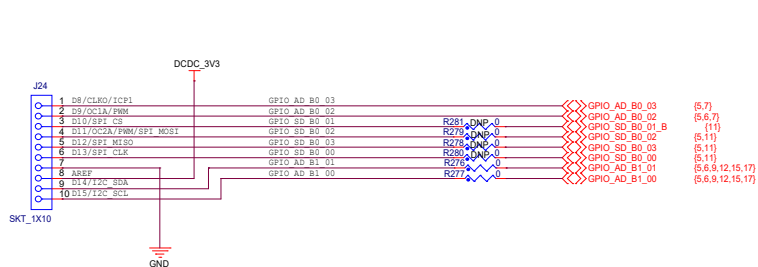
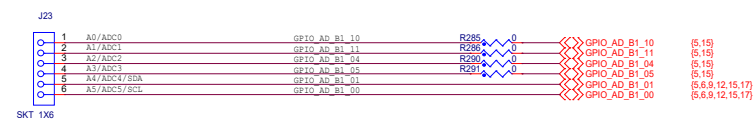


Share the same package with S27KS0641DPBHI023
(if HYPERRAM is replaced, then DNP R425,R426,Mount R424,R427)

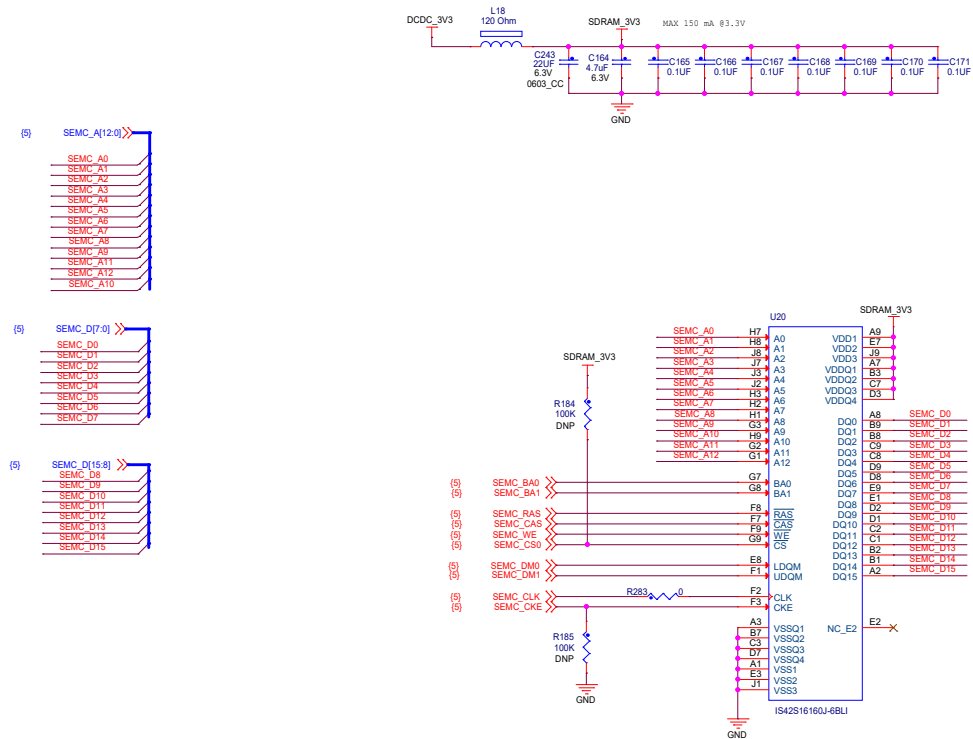




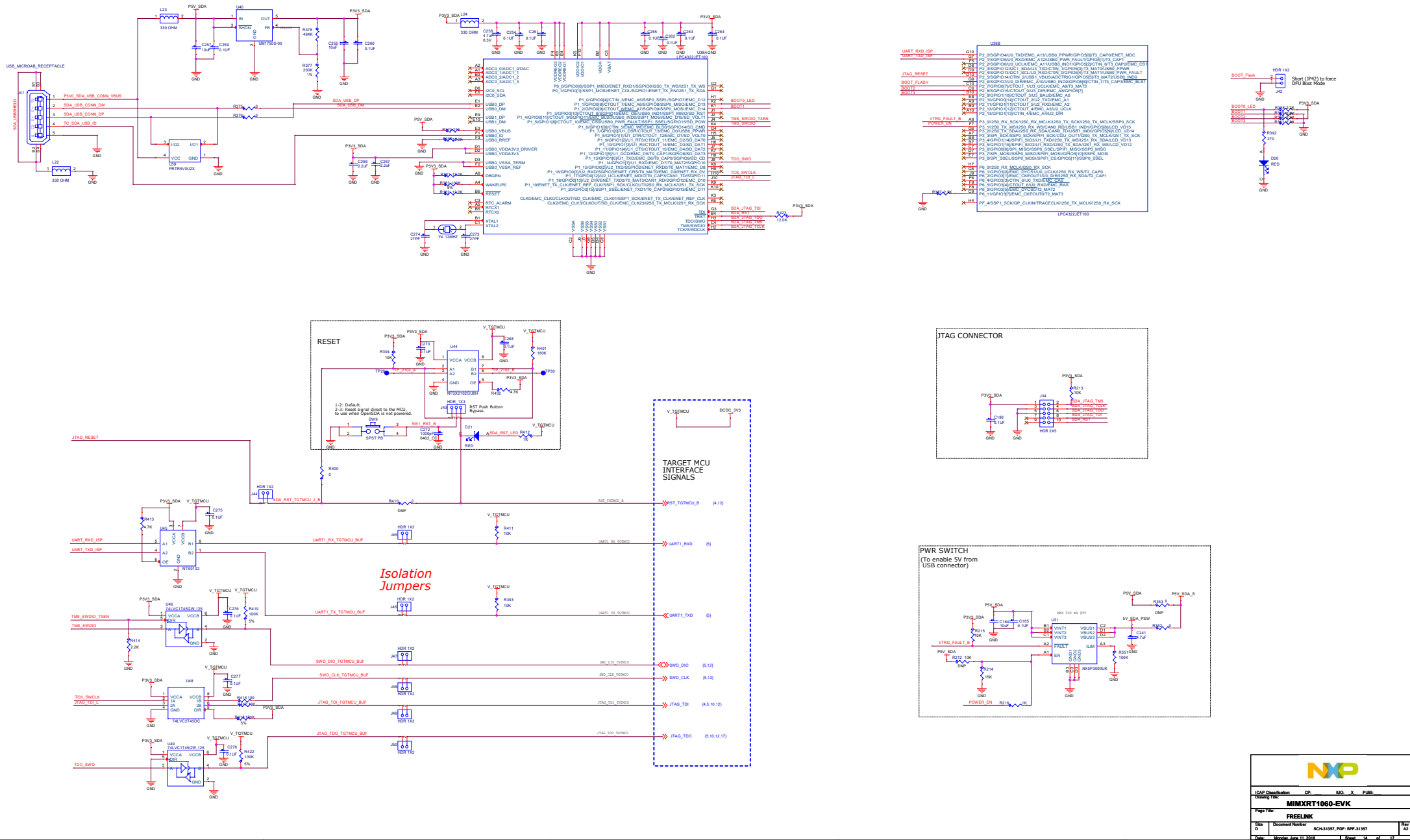
Arduino Interface



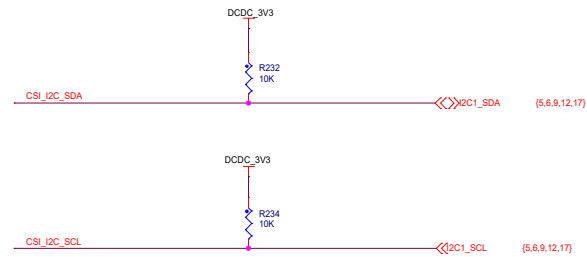
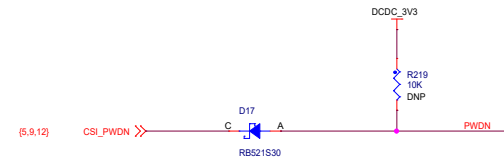
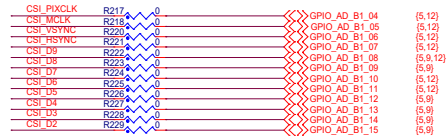
SDRAM



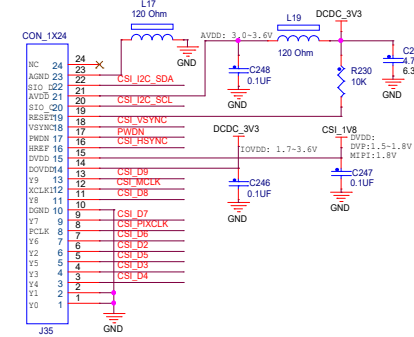
Freelink Interface



Camera Signals



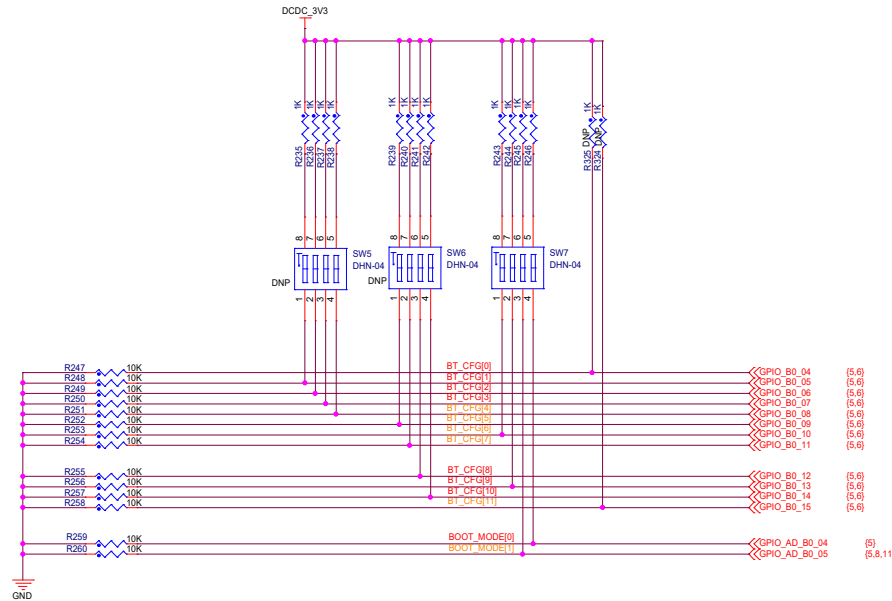
FPC FOR MT9M114/OV7725 MODULE



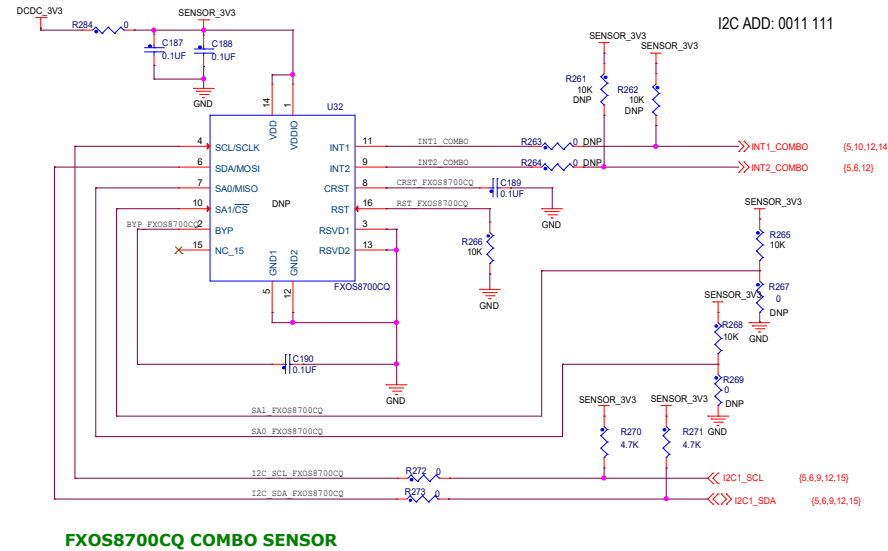
ICAP Classification:		CP: _____	IUD: X	PUBI: _____
Drawing Title:				
MIMXRT1060-EVK				
Page Title:				
CSI				
Size C	Document Number SCH-31357, PDF: SPF-31357			Rev A2
Date: Monday, June 11, 2018		Sheet 15 of 17		

FUSE MAP

	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1	0/1
TYPE	BOOT_CFG[11]	BOOT_CFG[10]	BOOT_CFG[9]	BOOT_CFG[8]	BOOT_CFG[7]	BOOT_CFG[6]	BOOT_CFG[5]	BOOT_CFG[4]	BOOT_CFG[3]	BOOT_CFG[2]	BOOT_CFG[1]	BOOT_CFG[0]
FlexSPI1 - Serial NOR	Infinit-Loop: (Debug USE only) 0 - Disable 1 - Enable	FLASH_TYPE 000-Device supports 3B read by default 001-Device supports 4B read by default 010-HyperFlash 1V8 011-HyperFlash 3V3 100-MXIC Octal DDR			0	0	0	0	HOLD TIME: 00 - 500us 01 - 1ms 10 - 3ms 11 - 10ms		EncryptedXIP 0 - Disabled 1 - Enabled	Reserved
SD	Infinit-Loop: (Debug USE only) 0 - Disable 1 - Enable	Reserved	Bus Width: 0 - 1-bit 1 - 4-bit	SD1 VOLTAGE SELECTION: 0 - 3.3V 1 - 1.8V	0	1	SD/SDXC Speed: 00 - Normal/SDR12 01 - High/SDR25 10 - SDR50 11 - SDR104		SD Power Cycle Enable: '0' - No power cycle '1' - Enabled via USDHC_RST pad	SD Loopback Clock Source Sel: (for SDR50 and SDR104 only) '0' - through SD '1' - direct	Port Select: 0 - eSDHC1 1 - eSDHC2	Fast Boot: 0 - Regular 1 - Fast Boot



COMBO SENSOR



FXOS8700CQ COMBO SENSOR

