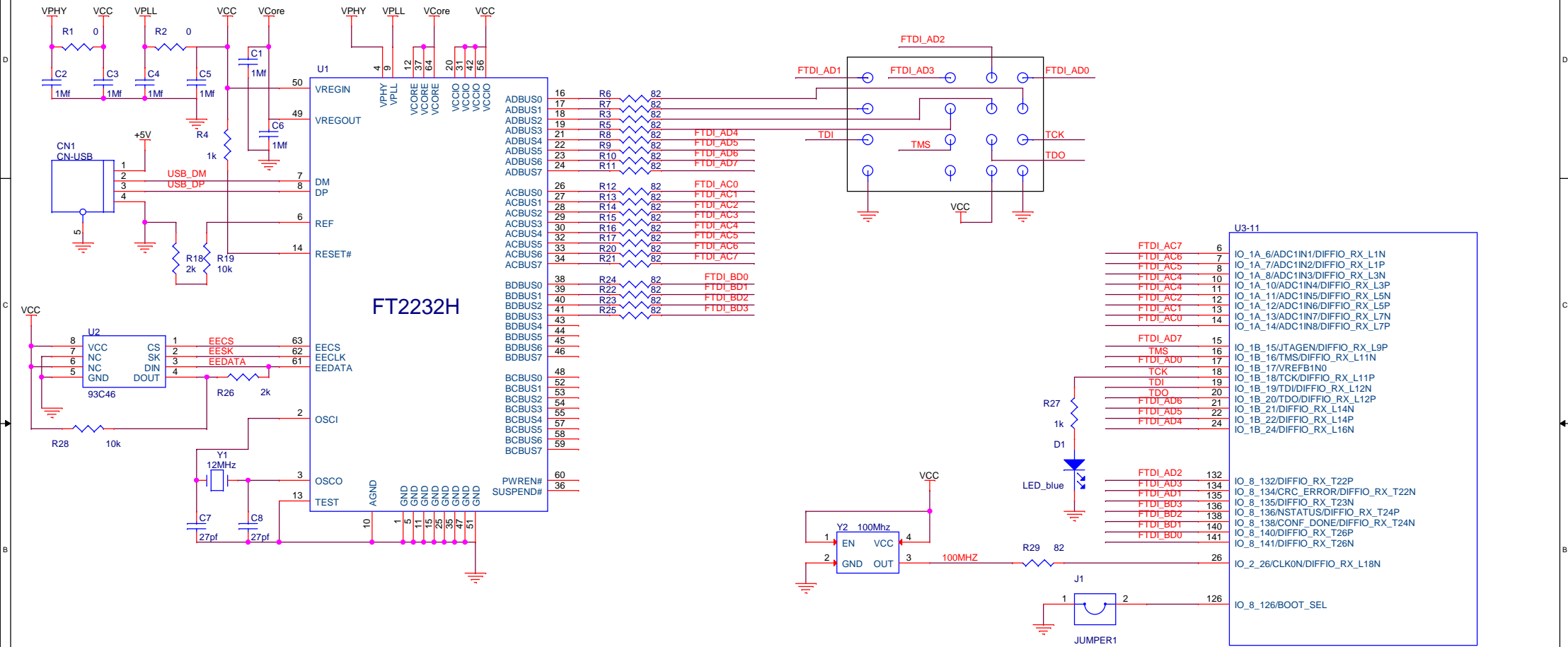


# PROGRAMMING, PC-CONNECTING & CLOCK

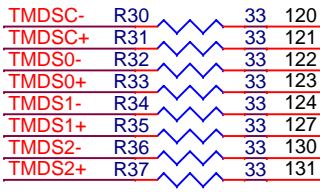
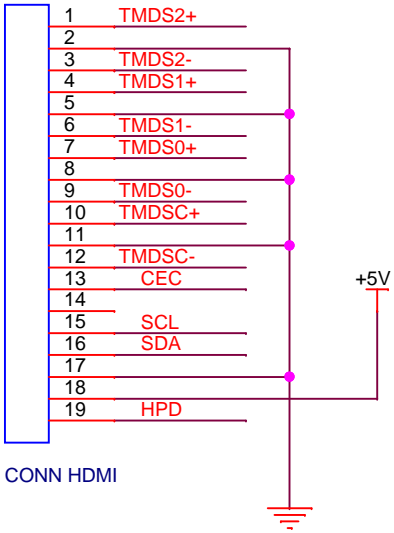


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HDMI & CONNECTORS

J2

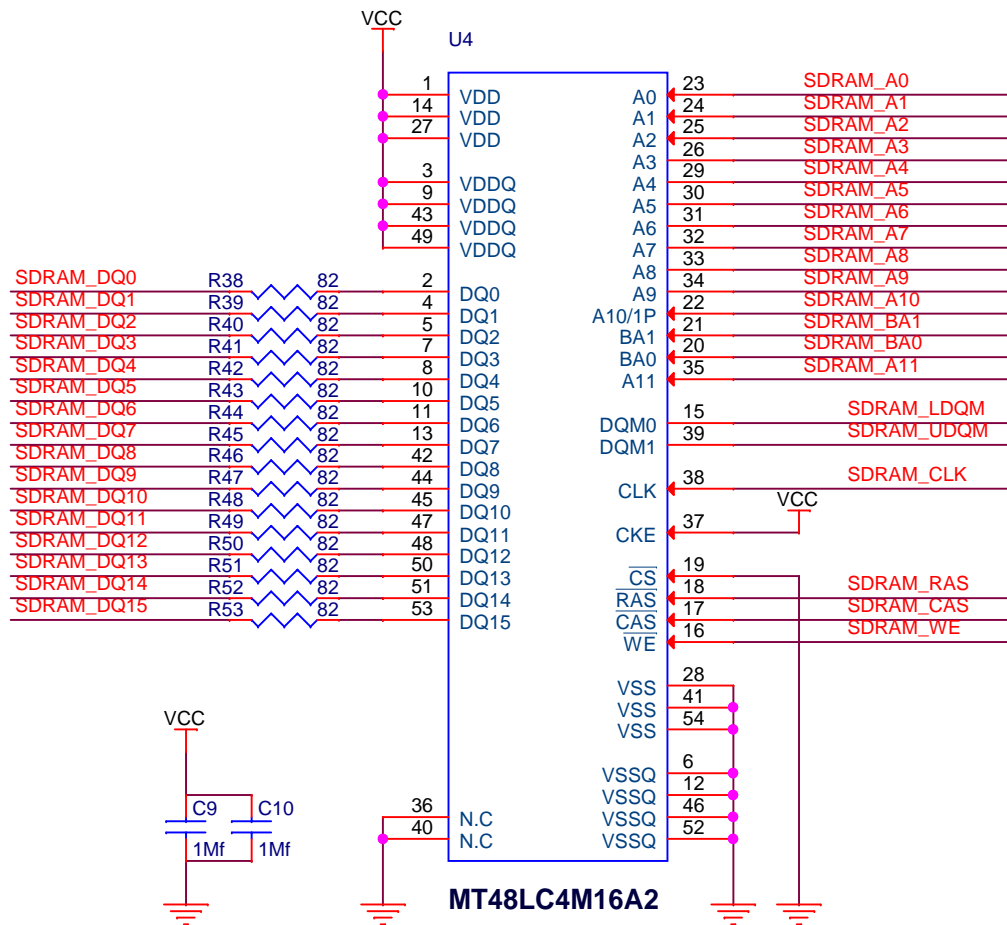


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# SDR SDRAM INTERFACE

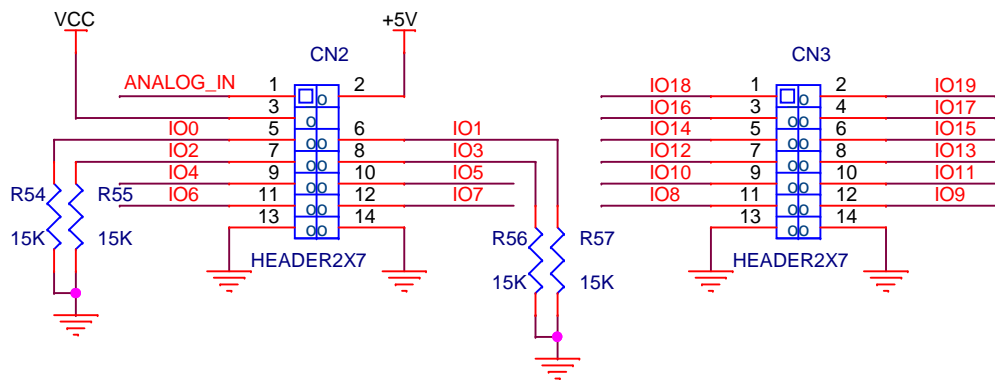


SDRAM_DQ15	27	IO_2_27/CLK0P/DIFFIO_RX_L18P
SDRAM_DQ14	28	IO_2_28/CLK1N/DIFFIO_RX_L20N
SDRAM_DQ13	29	IO_2_29/CLK1P/DIFFIO_RX_L20P
SDRAM_DQ12	30	IO_2_30/VREFB2N0
SDRAM_DQ11	32	IO_2_32/PLL_L_CLKOUTN/DIFFIO_RX_L27N
SDRAM_DQ10	33	IO_2_33/PLL_L_CLKOUTP/DIFFIO_RX_L27P
SDRAM_DQ9	38	IO_3_38/DIFFIO_TX_RX_B1N
SDRAM_DQ8	39	IO_3_39/DIFFIO_TX_RX_B1P
SDRAM_UDQM	41	IO_3_41/DIFFIO_TX_RX_B3N
SDRAM_CLK	43	IO_3_43/DIFFIO_TX_RX_B3P
SDRAM_A4	44	IO_3_44/DIFFIO_TX_RX_B5N
SDRAM_A5	45	IO_3_45/DIFFIO_TX_RX_B5P
SDRAM_A6	46	IO_3_46/DIFFIO_TX_RX_B7N
SDRAM_A7	47	IO_3_47/DIFFIO_TX_RX_B7P
SDRAM_A8	48	IO_3_48/VREFB3N0
SDRAM_A9	50	IO_3_50/DIFFIO_TX_RX_B9N
SDRAM_A11	52	IO_3_52/DIFFIO_TX_RX_B9P
SDRAM_A11	54	IO_3_54/DIFFIO_TX_RX_B10N
SDRAM_BA1	55	IO_3_55/DIFFIO_TX_RX_B12N
SDRAM_A10	56	IO_3_56/DIFFIO_TX_RX_B12P
SDRAM_A0	57	IO_3_57/DIFFIO_TX_RX_B14N
SDRAM_A1	58	IO_3_58/DIFFIO_TX_RX_B14P
SDRAM_A2	59	IO_3_59/DIFFIO_TX_RX_B16N
SDRAM_A3	60	IO_3_60/DIFFIO_TX_RX_B16P
SDRAM_RAS	61	IO_4_61/VREFB4N0
SDRAM_CAS	62	IO_4_62/DIFFIO_TX_RX_B20P
SDRAM_WE	64	IO_4_64/DIFFIO_TX_RX_B23N
SDRAM_LDQM	65	IO_4_65/DIFFIO_TX_RX_B23P
SDRAM_DQ7	66	IO_4_66/DIFFIO_TX_RX_B25N
SDRAM_DQ6	69	IO_4_69/DIFFIO_TX_RX_B27N
SDRAM_DQ5	70	IO_4_70/DIFFIO_TX_RX_B27P
SDRAM_DQ4	74	IO_5_74/DIFFIO_RX_R2P
SDRAM_DQ3	75	IO_5_75/DIFFIO_RX_R1P
SDRAM_DQ2	76	IO_5_76/DIFFIO_RX_R2N
SDRAM_DQ1	77	IO_5_77/DIFFIO_RX_R1N
SDRAM_DQ0	78	IO_5_78

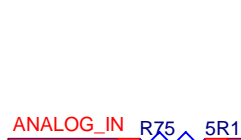
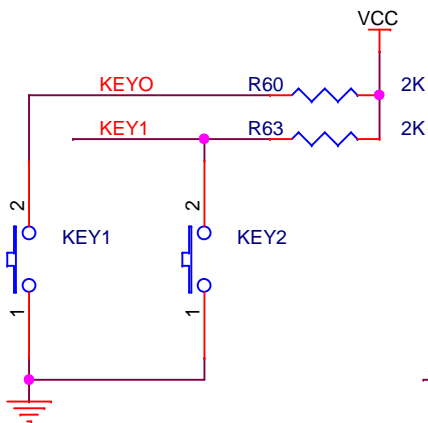
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# SHIELD CONNECTOR, KEYS & LEDS

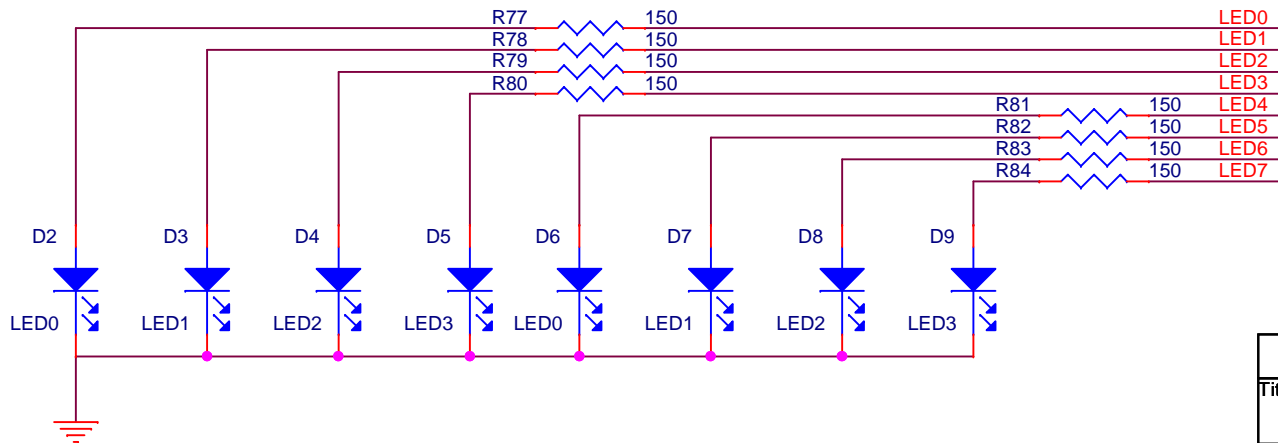


R58	82	IO0
R59	82	IO1
R61	82	IO2
R62	82	IO3
R64	82	IO4
R65	82	IO5
R66	82	IO6
R67	82	IO7
R68	82	IO8
R69	82	IO9
R70	82	IO10
R71	82	IO11
R72	82	IO12
R73	82	IO13
R74	82	IO14
R76	82	IO15



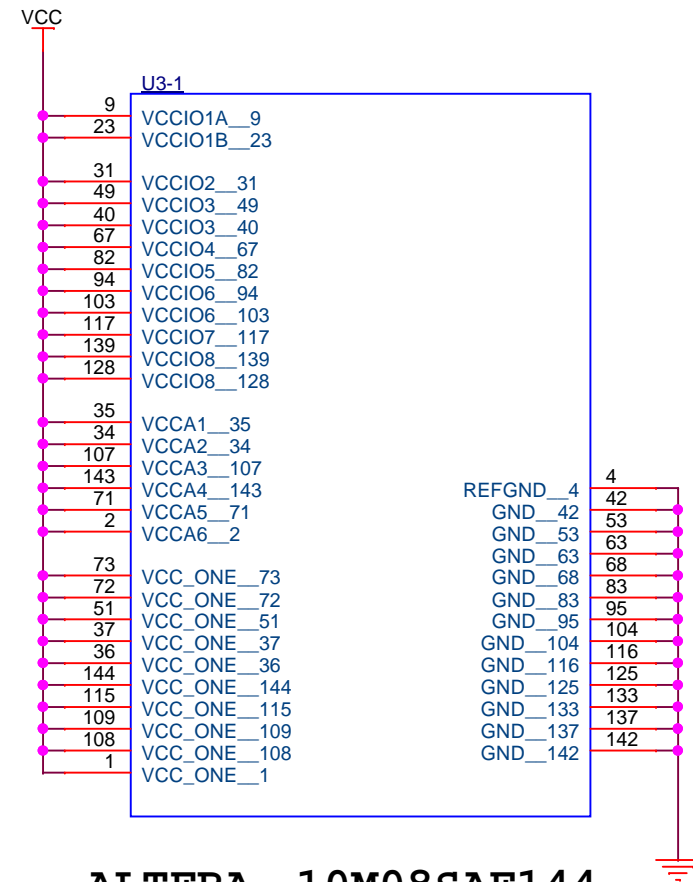
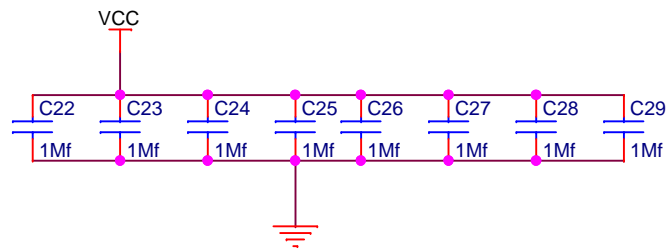
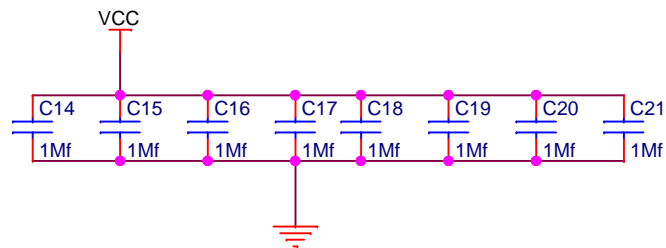
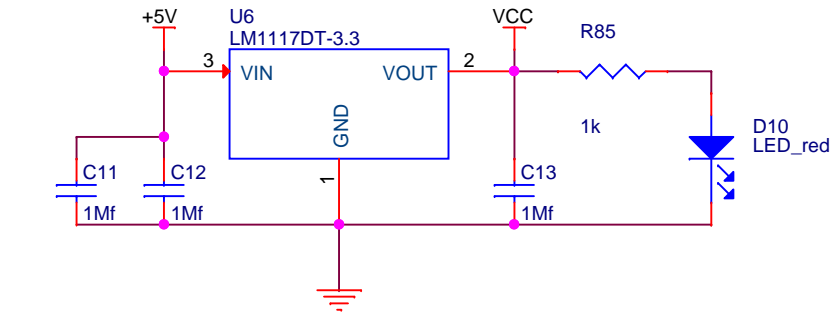
LED7	79	IO_5_79/DIFFIO_RX_R7P
LED6	80	IO_5_80/VREFB5N0
LED5	81	IO_5_81/DIFFIO_RX_R7N
LED4	84	IO_5_84/DIFFIO_RX_R11P
LED3	85	IO_5_85/DIFFIO_RX_R10P
LED2	86	IO_5_86/DIFFIO_RX_R11N
LED1	87	IO_5_87/DIFFIO_RX_R10N
LED0	88	IO_6_88/CLK2P/DIFFIO_RX_R14P
IO0	89	IO_6_89/CLK2N/DIFFIO_RX_R14N
IO1	90	IO_6_90/CLK3P/DIFFIO_RX_R16P
IO2	91	IO_6_91/CLK3N/DIFFIO_RX_R16N
IO3	92	IO_6_92/DIFFIO_RX_R18P
IO4	93	IO_6_93/DIFFIO_RX_R18N
IO5	96	IO_6_96/DPCLK3/DIFFIO_RX_R26P
IO6	97	IO_6_97/VREFB6N0
IO7	98	IO_6_98/DPCLK2/DIFFIO_RX_R26N
IO8	99	IO_6_99/DIFFIO_RX_R27P
IO9	100	IO_6_100/DIFFIO_RX_R28P
IO10	101	IO_6_101/DIFFIO_RX_R27N
IO11	102	IO_6_102/DIFFIO_RX_R28N
IO12	105	IO_6_105/DIFFIO_RX_R33P
IO13	106	IO_6_106/DIFFIO_RX_R33N
IO14	110	IO_7_110/DIFFIO_RX_T1P
IO15	111	IO_7_111/DIFFIO_RX_T1N
IO16	112	IO_7_112/VREFB7N0
IO17	113	IO_7_113/DIFFIO_RX_T4N
RESERVED	114	IO_7_114/DIFFIO_RX_T6P
IO19	118	IO_7_118/DIFFIO_RX_T10P
IO18	119	IO_7_119/DIFFIO_RX_T10N
KEY1	25	IO_1B_25/DIFFIO_RX_L16P
KEY0	129	INPUT_ONLY_8_129/NCONFIG
	5	ADC_VREF__5
	3	ANAIN1__3

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# MAX10 POWERING



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