

12 11 10 9 8 7 6 5 4 3 2 1

								REVISIONS			
				ITEM	SHEET	DESCRIPTION		DATE	APPROVED		

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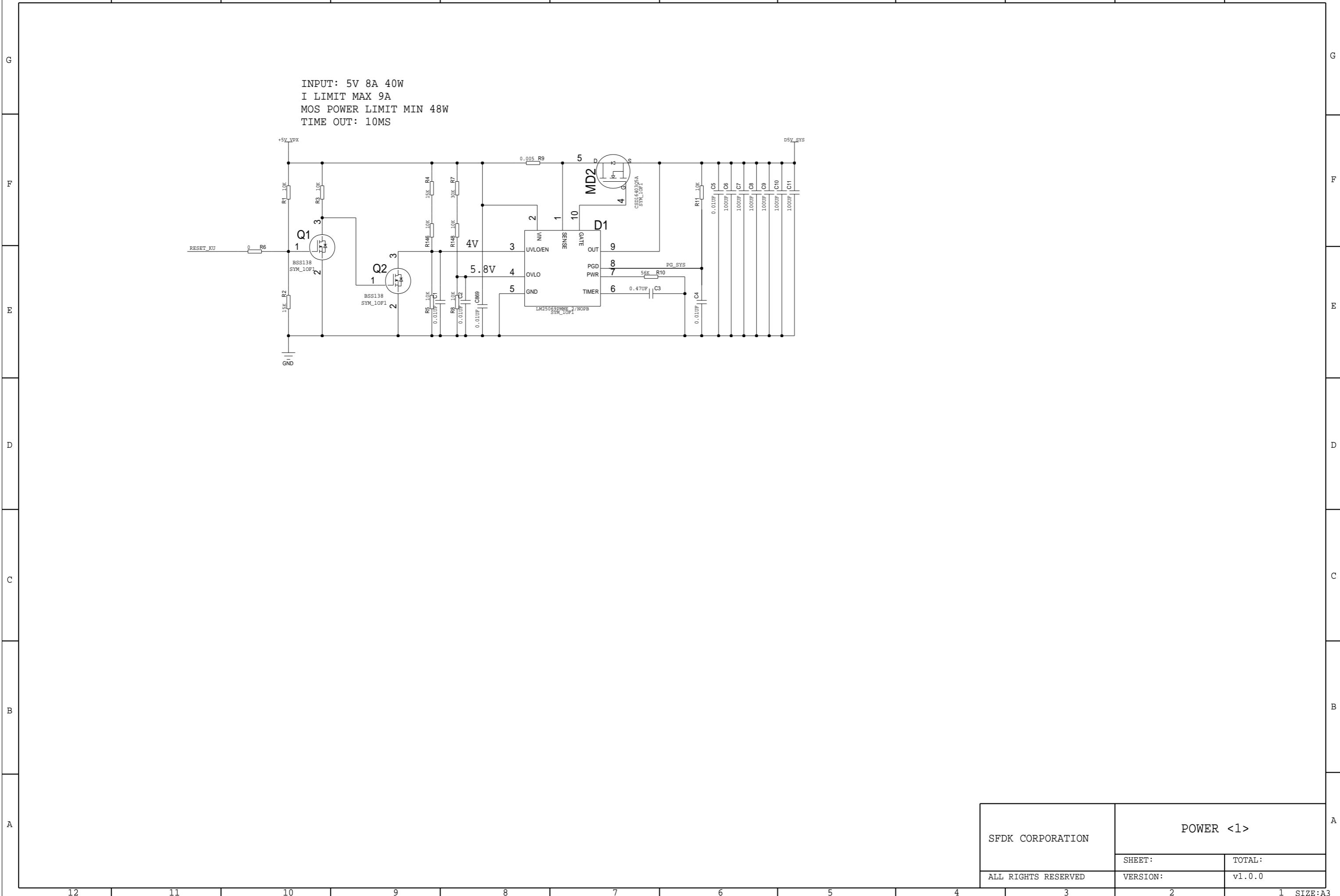
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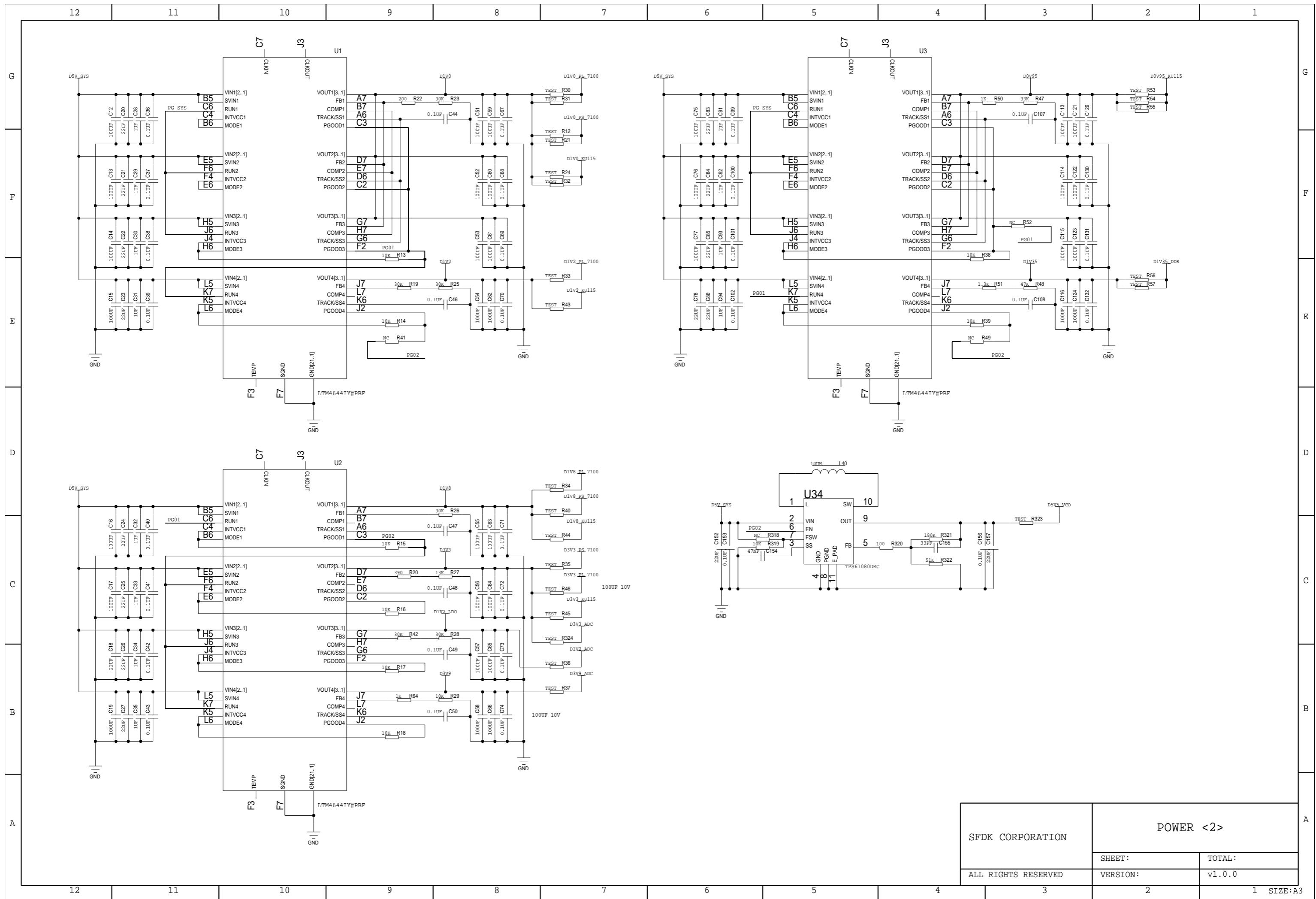
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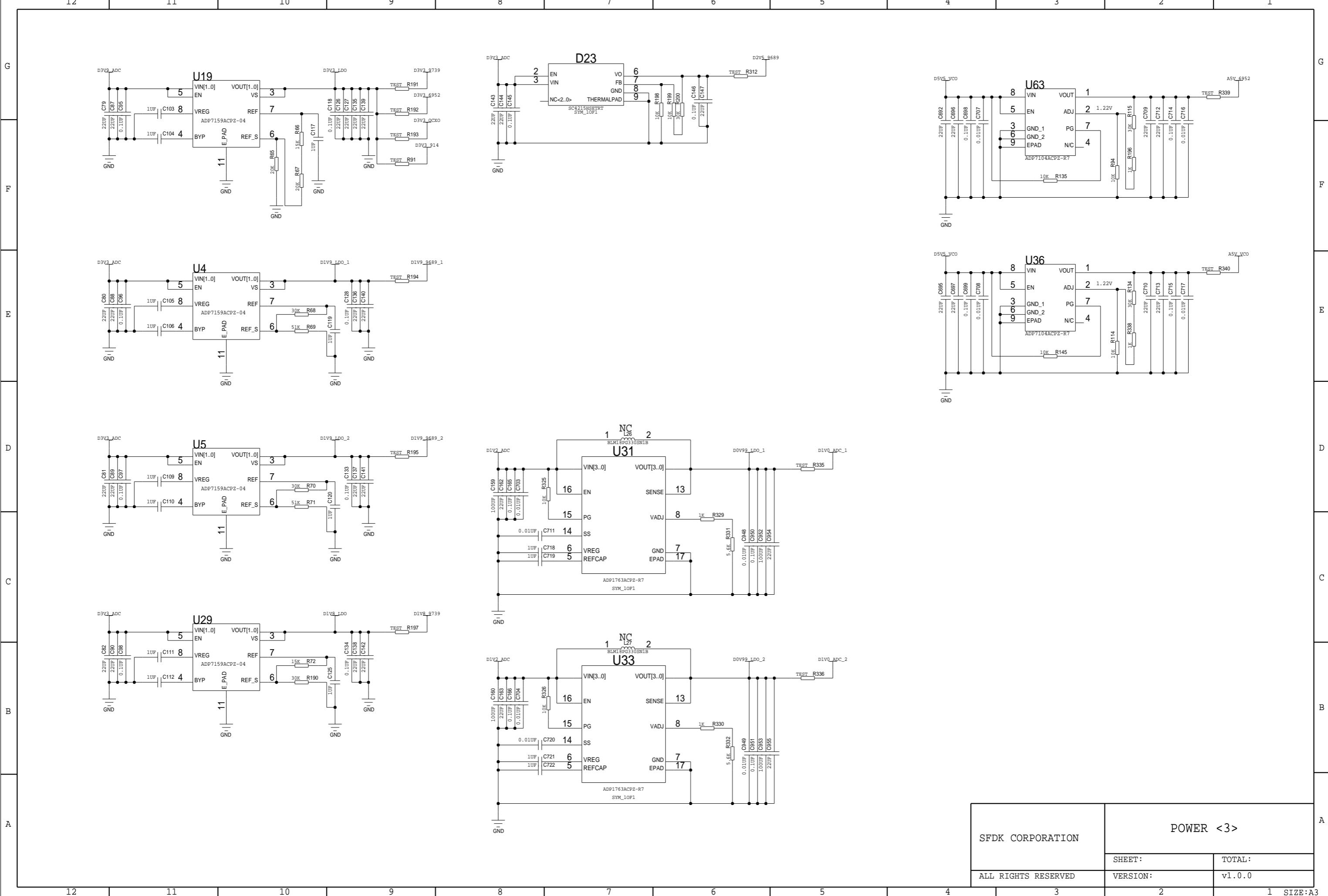
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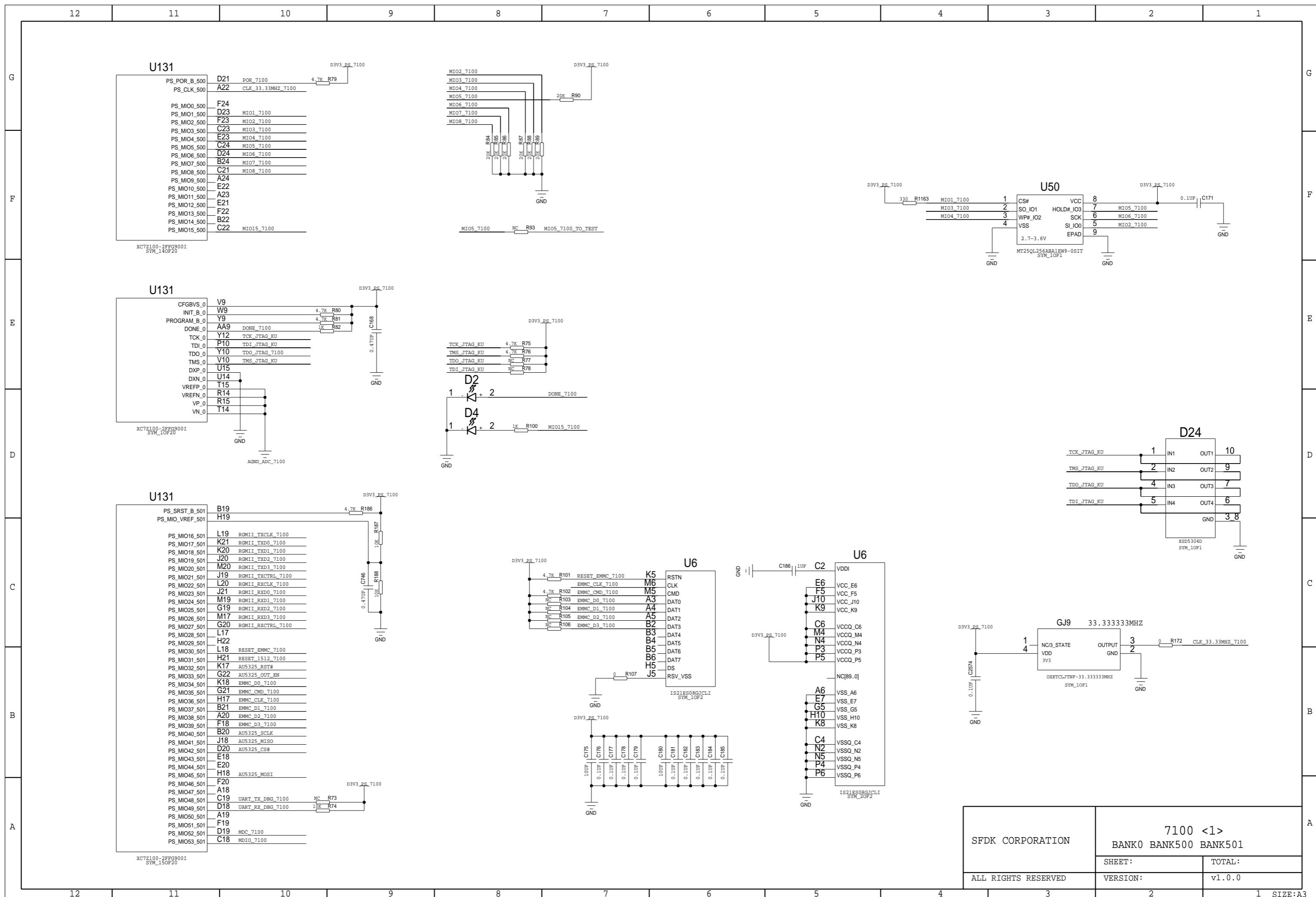


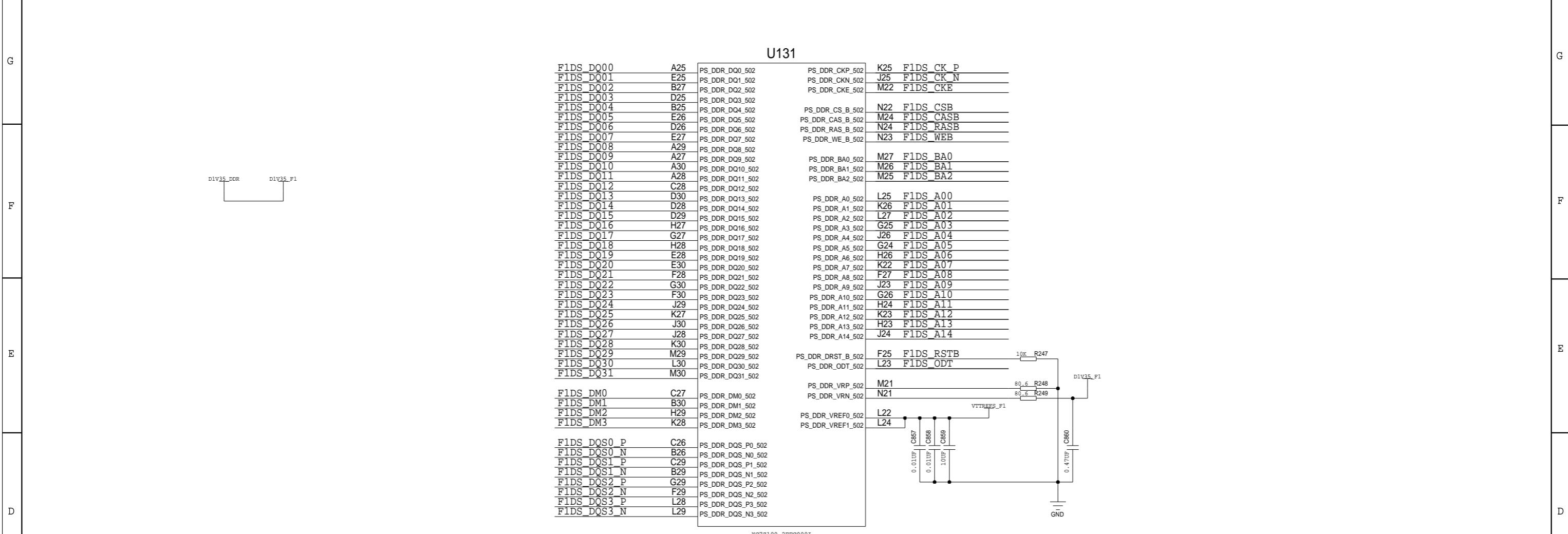
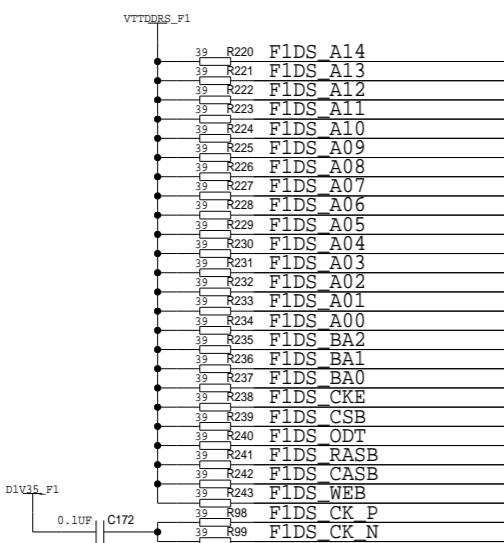


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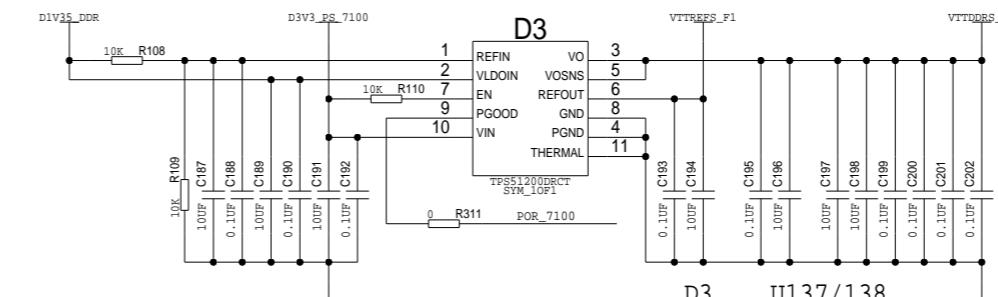


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XC7Z100-2FFG900I
STM_160F20

FLYBY



SFDK CORPORATION	7100 <2> PS DDR	
SHEET:	TOTAL:	
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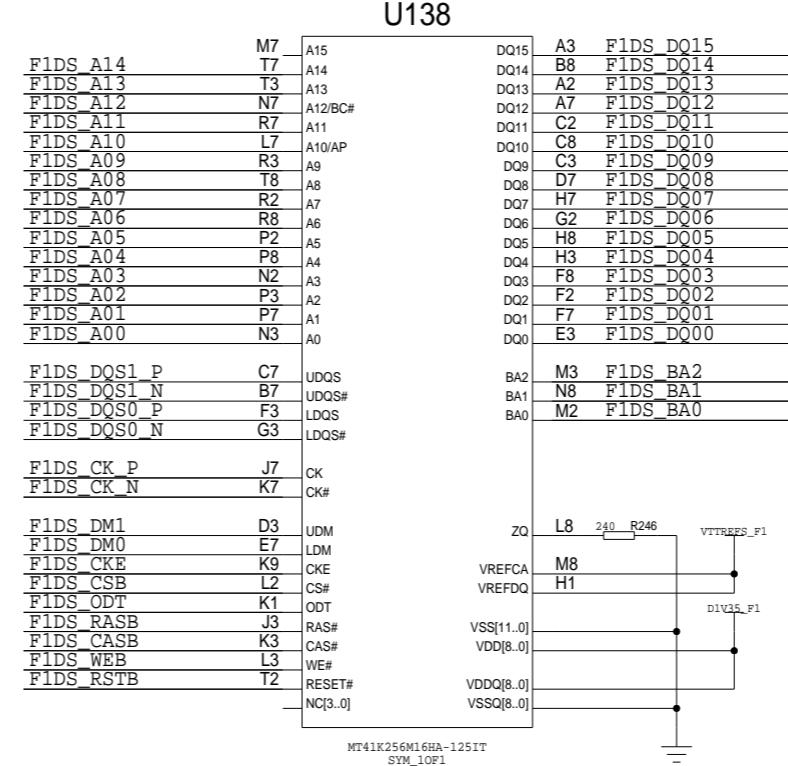
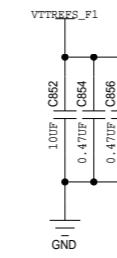
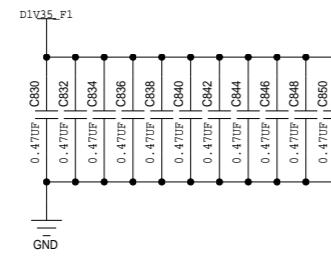
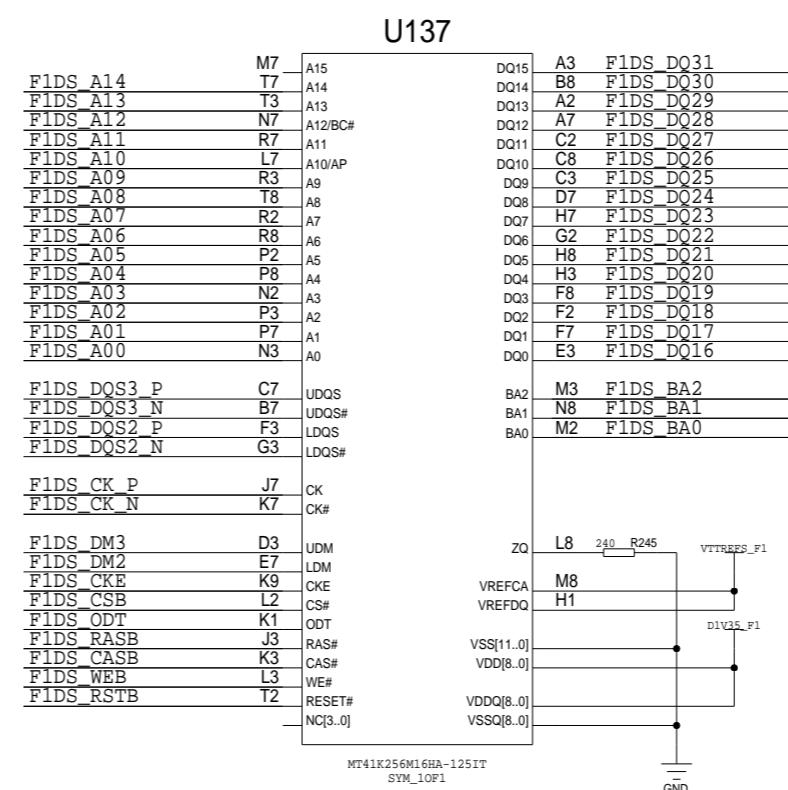
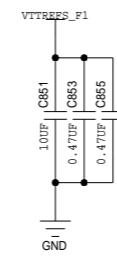
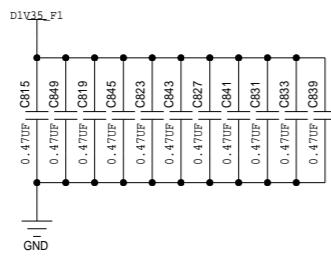
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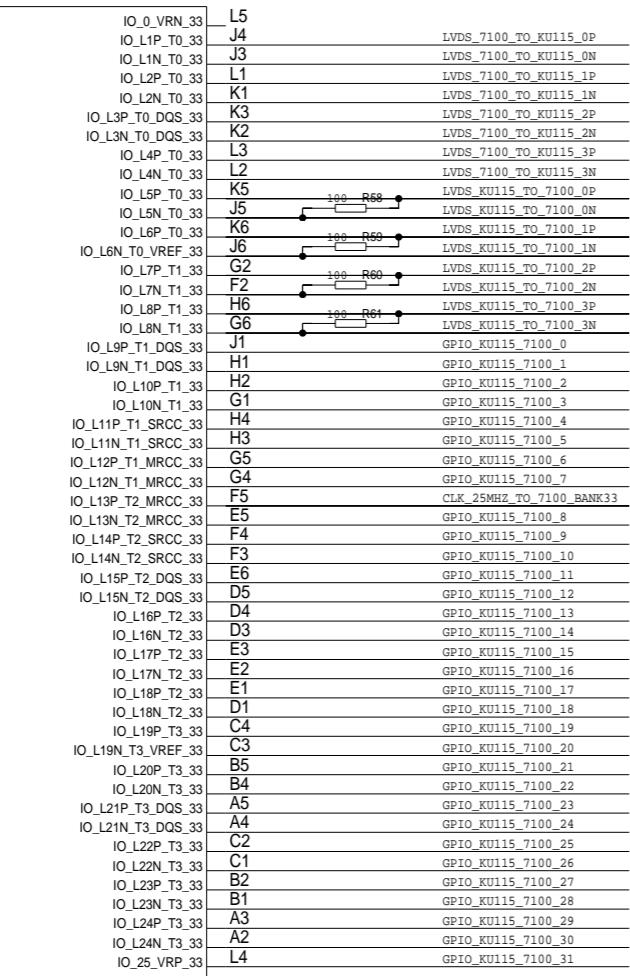
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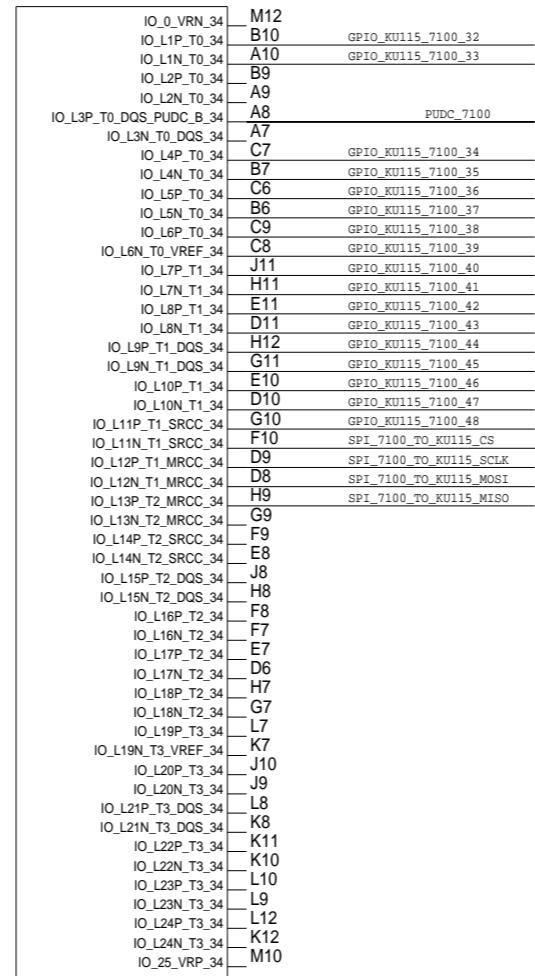
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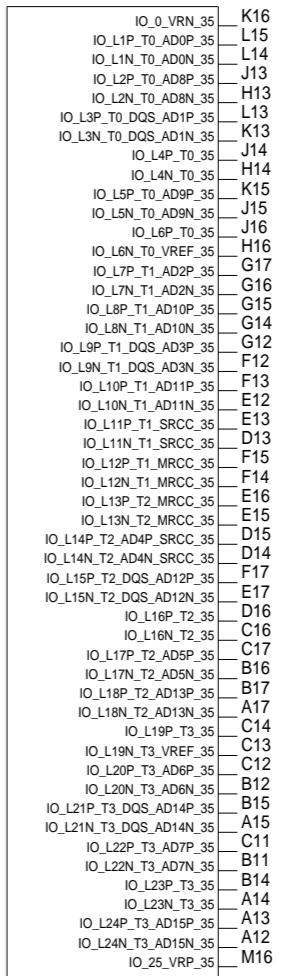
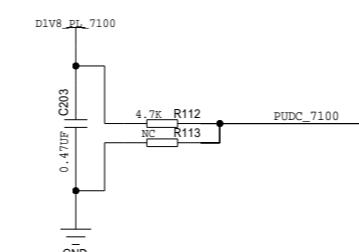
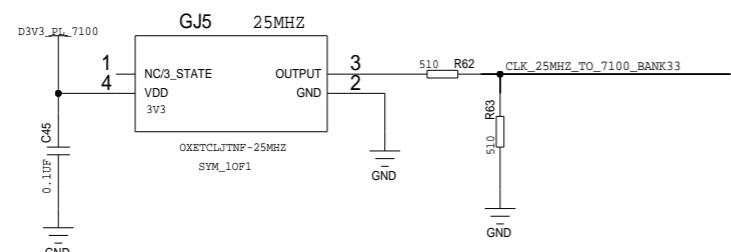
U131

XC7Z100-2FFG900I
SIR_70F20

U131

XC7Z100-2FFG900I
SIR_80F20

U131

XC7Z100-2FFG900I
SIR_90F20

SFDK CORPORATION	7100 <3> BANK 33 34 35	
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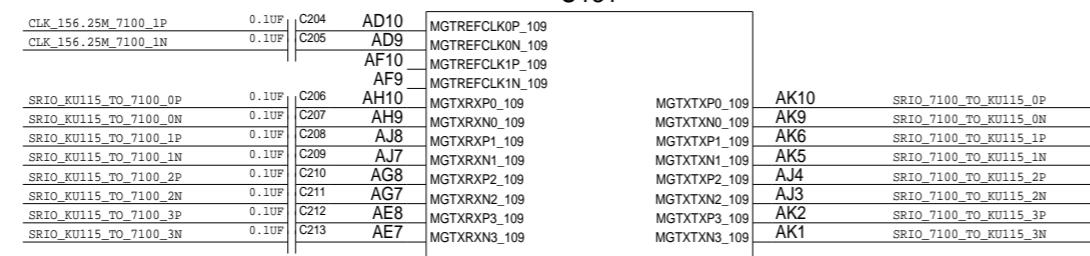
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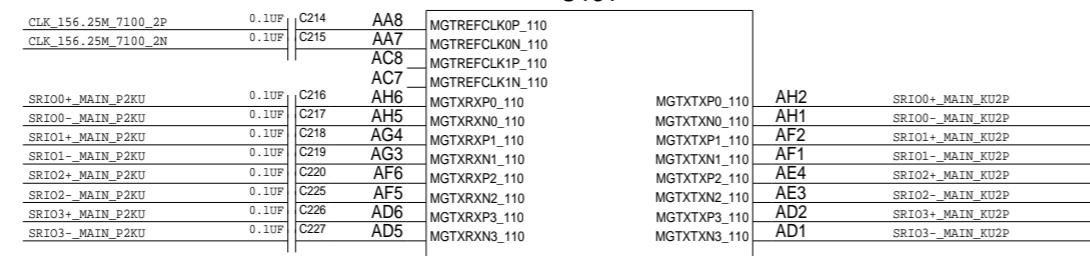
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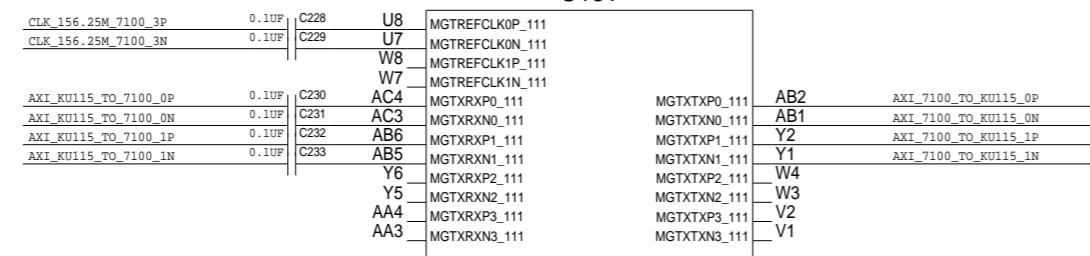
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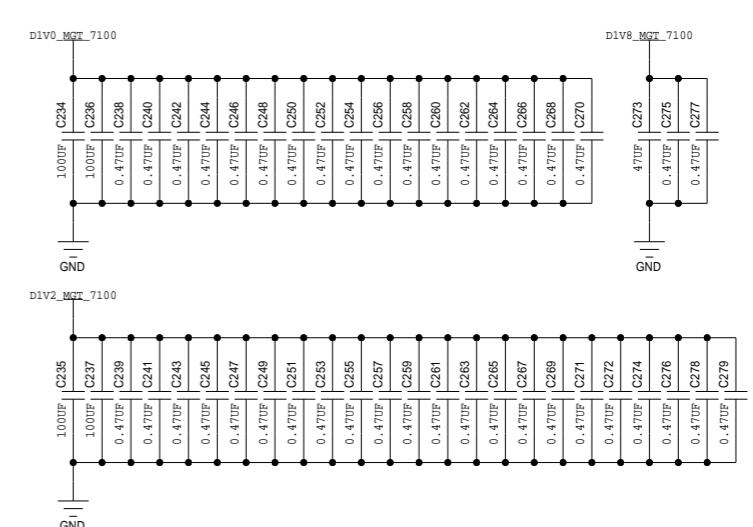
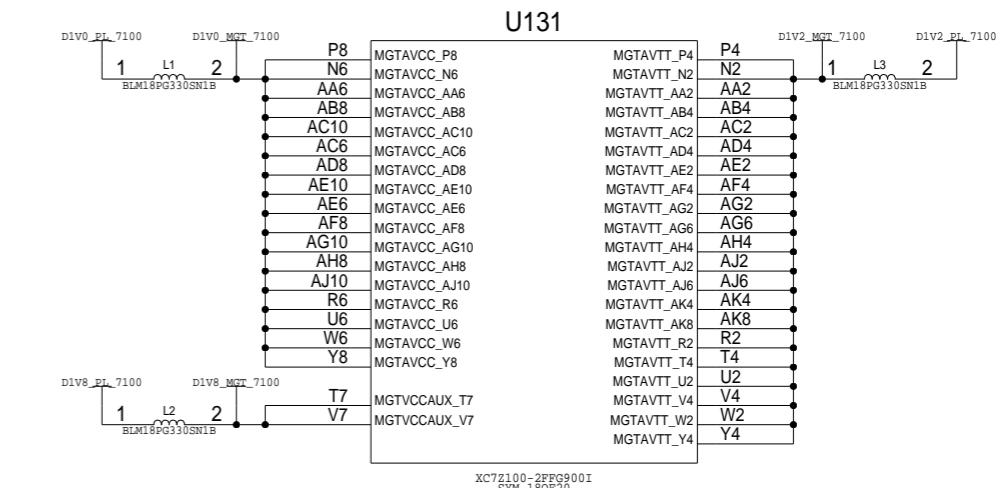
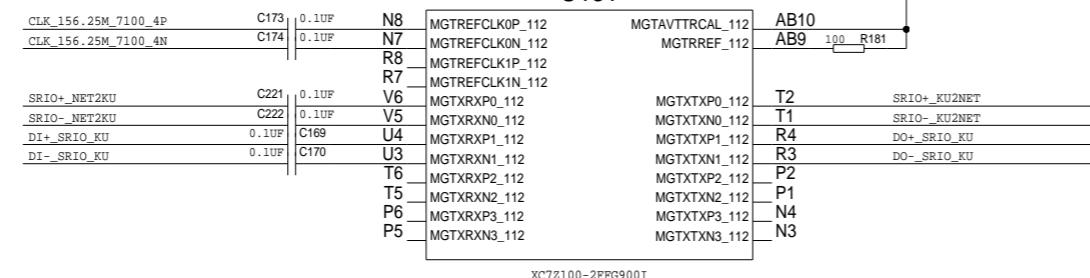
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SFDK CORPORATION	7100 <4> MGT	
SHEET:	TOTAL: v1.0.0	
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IO_0_10	AA13
IO_L1P_T0_10	AK13
IO_L1N_T0_10	AK12
IO_L2P_T0_10	AH18
IO_L2N_T0_10	AJ18
IO_L3P_T0_DQS_10	AJ14
IO_L3N_T0_DQS_10	AJ13
IO_L4P_T0_10	AJ16
IO_L4N_T0_10	AK16
IO_L5P_T0_10	AJ15
IO_L5N_T0_10	AK15
IO_L6P_T0_10	AH17
IO_L6N_T0_VREF_10	AH16
IO_L7P_T1_10	AE12
IO_L7N_T1_10	AF12
IO_L8P_T1_10	AH14
IO_L8N_T1_10	AH13
IO_L9P_T1_DQS_10	AD14
IO_L9N_T1_DQS_10	AD13
IO_L10P_T1_10	AG12
IO_L10N_T1_10	AH12
IO_L11P_T1_SRCC_10	AE13
IO_L11N_T1_SRCC_10	AF13
IO_L12P_T1_MRCC_10	AF14
IO_L12N_T1_MRCC_10	AG14
IO_L13P_T2_MRCC_10	AG17
IO_L13N_T2_MRCC_10	AG16
IO_L14P_T2_SRCC_10	AF15
IO_L14N_T2_SRCC_10	AG15
IO_L15P_T2_DQS_10	AF18
IO_L15N_T2_DQS_10	AF17
IO_L16P_T2_10	AE16
IO_L16N_T2_10	AE15
IO_L17P_T2_10	AE18
IO_L17N_T2_10	AE17
IO_L18P_T2_10	AD16
IO_L18N_T2_10	AD15
IO_L19P_T3_10	AC14
IO_L19N_T3_VREF_10	AC13
IO_L20P_T3_10	AA15
IO_L20N_T3_10	AA14
IO_L21P_T3_DQS_10	AB12
IO_L21N_T3_DQS_10	AC12
IO_L22P_T3_10	AB15
IO_L22N_T3_10	AB14
IO_L23P_T3_10	AC17
IO_L23N_T3_10	AC16
IO_L24P_T3_10	AB17
IO_L24N_T3_10	AB16
IO_25_10	AA17

XC7Z100-2FFG900I
SYM_30F20

U131

IO_0_11	W23	PWRX0_RF_KU
IO_L1P_T0_11	AJ25	PWRX1_RF_KU
IO_L1N_T0_11	AK25	PWRX2_RF_KU
IO_L2P_T0_11	AK22	PWRX3_RF_KU
IO_L2N_T0_11	AK23	PWRX4_RF_KU
IO_L3P_T0_DQS_11	AJ21	PWRX5_RF_KU
IO_L3N_T0_DQS_11	AK21	DATA0_RF_KU
IO_L4P_T0_11	AJ23	DATA1_RF_KU
IO_L4N_T0_11	AJ24	DATA2_RF_KU
IO_L5P_T0_11	AH23	DATA3_RF_KU
IO_L5N_T0_11	AH24	DATA4_RF_KU
IO_L6P_T0_11	AG22	DATA5_RF_KU
IO_L6N_T0_VREF_11	AH22	TRO_RF_KU
IO_L7P_T1_11	AC24	TR1_RF_KU
IO_L7N_T1_11	AD24	GAIN0_RX_RF_KU
IO_L8P_T1_11	AG24	GAIN1_RX_RF_KU
IO_L8N_T1_11	AG25	GAIN2_RX_RF_KU
IO_L9P_T1_DQS_11	AF23	GAIN3_RX_RF_KU
IO_L9N_T1_DQS_11	AF24	GAIN4_RX_RF_KU
IO_L10P_T1_11	AD21	GAIN5_RX_RF_KU
IO_L10N_T1_11	AE21	TTL_422_TX0
IO_L11P_T1_SRCC_11	AD23	TTL_422_RX0
IO_L11N_T1_SRCC_11	AE23	TTL_422_RX1
IO_L12P_T1_MRCC_11	AE22	TTL_422_RX1
IO_L12N_T1_MRCC_11	AF22	
IO_L13P_T1_MRCC_11	AG21	
IO_L13N_T2_MRCC_11	AH21	
IO_L14P_T2_SRCC_11	AF20	
IO_L14N_T2_SRCC_11	AG20	UART_RX_GPS_TO_7100
IO_L15P_T2_DQS_11	AJ20	UART_RX_7100_TO_GPS
IO_L15N_T2_DQS_11	AK20	PWM1_FAN
IO_L16P_T2_11	AK17	PWM2_FAN
IO_L16N_T2_11	AK18	
IO_L16P_T2_11	AH19	
IO_L17P_T2_11	AJ19	
IO_L17N_T2_11	AF19	
IO_L18P_T2_11	AG19	
IO_L18N_T2_11	AB21	
IO_L19P_T3_VREF_11	AB22	
IO_L19N_T3_VREF_11	AB22	
IO_L20P_T3_11	W21	
IO_L20N_T3_11	Y21	
IO_L21P_T3_DQS_11	Y22	
IO_L21N_T3_DQS_11	Y23	
IO_L22P_T3_11	AA24	
IO_L22N_T3_11	AB24	
IO_L23P_T3_11	AA22	
IO_L23N_T3_11	AA23	
IO_L24P_T3_11	AC22	
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XC7Z100-2FFG900I
SYM_40F20

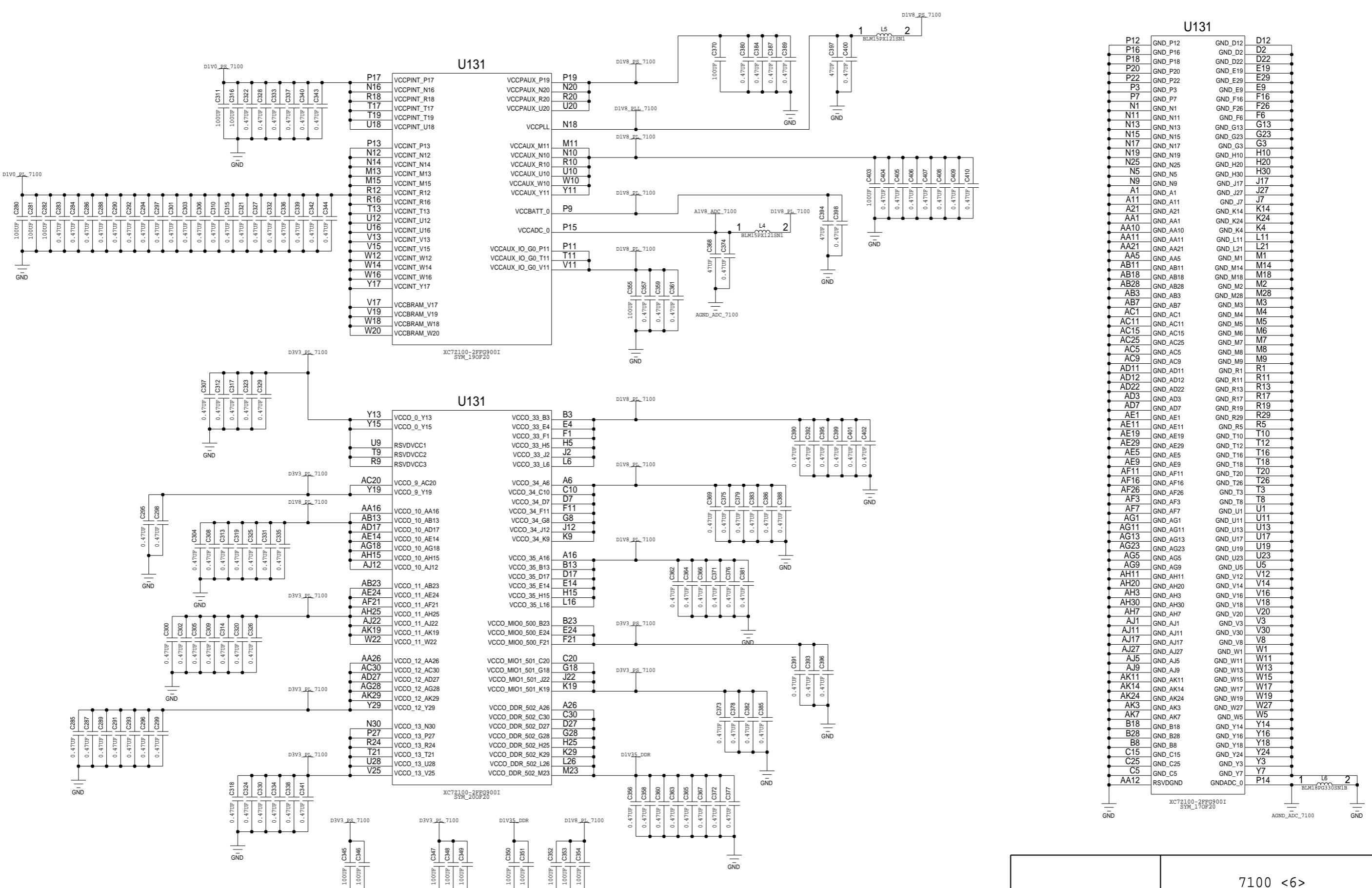
U131

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IO_L1N_T0_12	AA30	GPIO2_NET_KU
IO_L2P_T0_12	AB29	GPIO3_NET_KU
IO_L2N_T0_12	AB30	GPIO0_MAIN_P_KU
IO_L3P_T0_DQS_12	Y26	GPIO1_MAIN_P_KU
IO_L3N_T0_DQS_12	Y27	GPIO2_MAIN_P_KU
IO_L4P_T0_12	Y28	GPIO3_MAIN_P_KU
IO_L4N_T0_12	AA29	GPIO4_MAIN_P_KU
IO_L5P_T0_12	AA27	GPIO5_MAIN_P_KU
IO_L5N_T0_12	AA28	GPIO6_MAIN_P_KU
IO_L6P_T0_12	AB25	GPIO7_MAIN_P_KU
IO_L6N_T0_VREF_12	AB26	1PPS_GPS_INT
IO_L7P_T1_12	AC26	DATA_GPS_INT
IO_L7N_T1_12	AD26	GPIO0_EXT_KU
IO_L8P_T1_12	AD30	GPIO1_EXT_KU
IO_L8N_T1_12	AE30	GPIO2_EXT_KU
IO_L9P_T1_DQS_12	AC29	GPIO3_EXT_KU
IO_L9N_T1_DQS_12	AD29	GPIO4_EXT_KU
IO_L10P_T1_12	AD25	GPIO5_EXT_KU
IO_L10N_T1_12	AE26	GPIO6_EXT_KU
IO_L11P_T1_SRCC_12	AB27	GPIO7_EXT_KU
IO_L11N_T1_SRCC_12	AC27	
IO_L12P_T1_MRCC_12	AC28	
IO_L12N_T1_MRCC_12	AD28	RESET_INT_RF_KU
IO_L13P_T2_MRCC_12	AE28	PPS_GPS_TO_7100
IO_L13N_T2_MRCC_12	AF28	
IO_L14P_T2_SRCC_12	AE27	GPIO_RF_KU
IO_L14N_T2_SRCC_12	AF27	
IO_L15P_T2_DQS_12	AF29	
IO_L15N_T2_DQS_12	AG29	RES0_KU
IO_L16P_T2_12	AF30	RES1_KU
IO_L16N_T2_12	AG30	RES2_KU
IO_L17P_T2_12	AG26	RES3_KU
IO_L17N_T2_12	AG27	RES4_KU
IO_L18P_T2_12	AE25	RES5_KU
IO_L18N_T2_12	AF25	RES6_KU
IO_L19P_T3_12	AH28	RES7_KU
IO_L19N_T3_VREF_12	AH29	LEDO_FRONT PANEL
IO_L20P_T3_12	AJ30	LED1_FRONT PANEL
IO_L20N_T3_12	AK30	TTL_485_TX
IO_L21P_T3_DQS_12	AJ28	TTL_485_RX
IO_L21N_T3_DQS_12	AJ29	TTL_485_SEL
IO_L22P_T3_12	AK27	PWR_OFF_BYD
IO_L22N_T3_12	AK28	PWR_OFF_IND
IO_L23P_T3_12	AH26	KIND0+_KU
IO_L23N_T3_12	AH27	KIND0-_KU
IO_L24P_T3_12	AJ26	KIND1+_KU
IO_L24N_T3_12	AK26	KIND1-_KU
IO_25_12	AA25	EN_FIBER

XC7Z100-2FFG900I
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IO_0_13	Y20	SWD_SWITCH_KU
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IO_L1N_T0_13	R30	SW2_SWITCH_KU
IO_L2P_T0_13	T30	SW3_SWITCH_KU
IO_L2N_T0_13	U30	SW4_SWITCH_KU
IO_L3P_T0_DQS_13	N28	SW5_SWITCH_KU
IO_L3N_T0_DQS_13	P28	SW6_SWITCH_KU
IO_L4P_T0_13	N29	SW7_SWITCH_KU
IO_L4N_T0_13	P29	SW8_SWITCH_KU
IO_L5P_T0_13	T29	SW9_SWITCH_KU
IO_L5N_T0_13	U29	SW10_SWITCH_KU
IO_L6P_T0_13	R28	SW11_SWITCH_KU
IO_L6N_T0_VREF_13	T28	SW12_SWITCH_KU
IO_L7P_T1_13	V28	SW13_SWITCH_KU
IO_L7N_T1_13	W29	SW14_SWITCH_KU
IO_L8P_T1_13	W29	SW15_SWITCH_KU
IO_L8N_T1_13	W30	SW16_SWITCH_KU
IO_L9P_T1_DQS_13	V27	SW17_SWITCH_KU
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IO_L10P_T1_13	W25	SW19_SWITCH_KU
IO_L10N_T1_13	W26	SW20_SWITCH_KU
IO_L11P_T1_SRCC_13	U25	SW_TX_PA1_KU
IO_L11N_T1_SRCC_13	V26	SW_TX_PA2_KU
IO_L12P_T1_MRCC_13	U26	SW_RX_PA3_KU
IO_L12N_T1_MRCC_13	U27	SW_RX_PA4_KU
IO_L13P_T2_MRCC_13	R25	SW_RX_PA5_KU
IO_L13N_T2_MRCC_13	R26	SW_RX_PA1_KU
IO_L14P_T2_SRCC_13	R27	SW_RX_PA2_KU
IO_L14N_T2_SRCC_13	T27	SW_RX_PA3_KU
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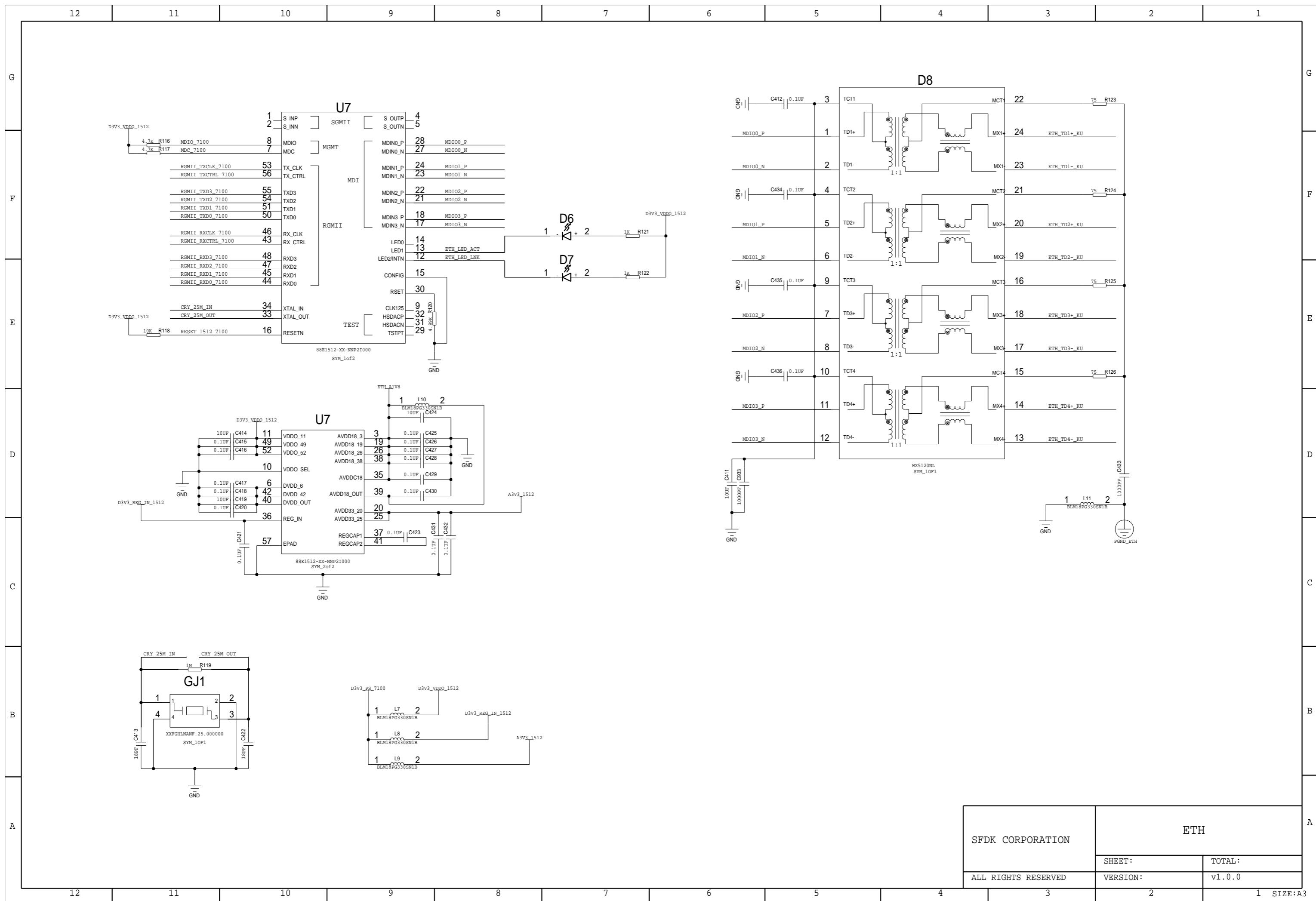
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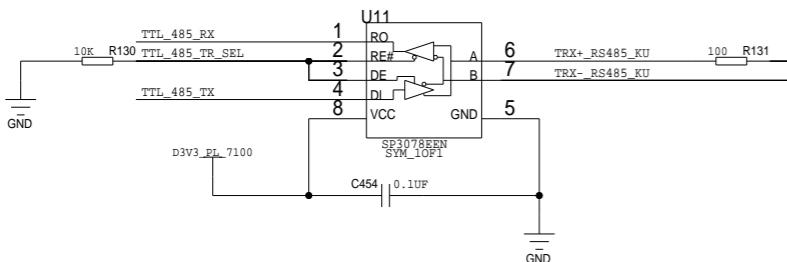
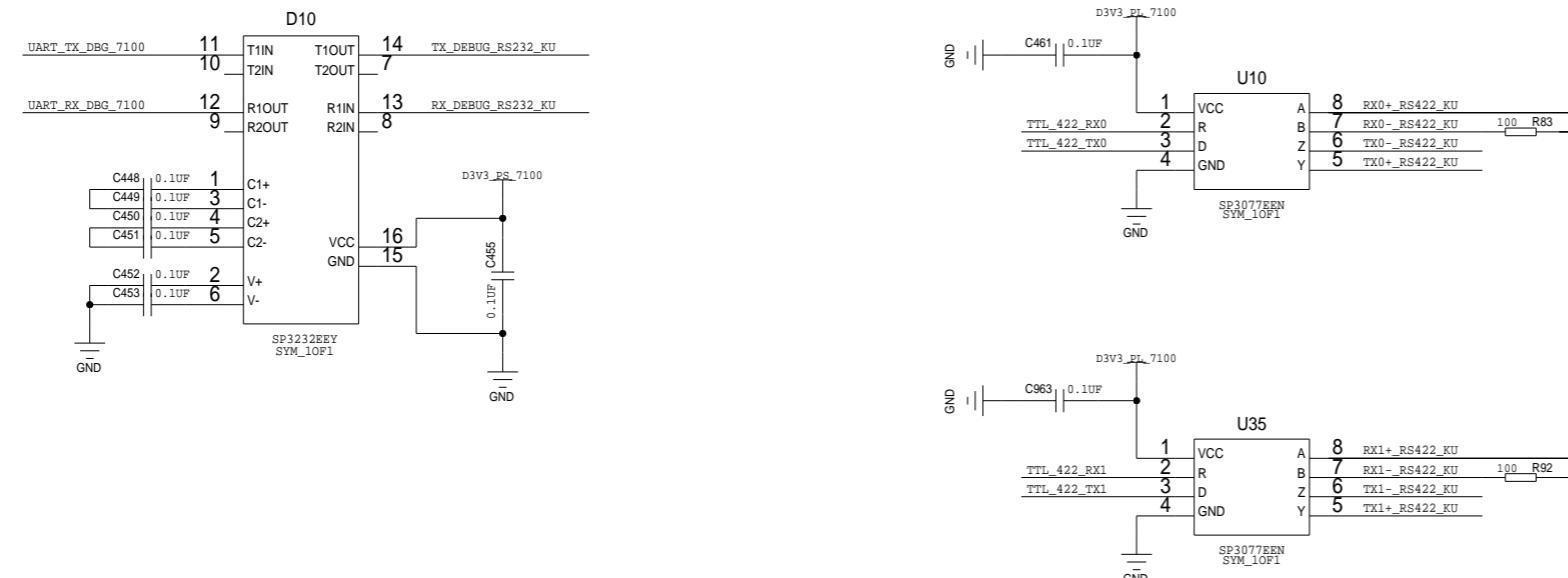
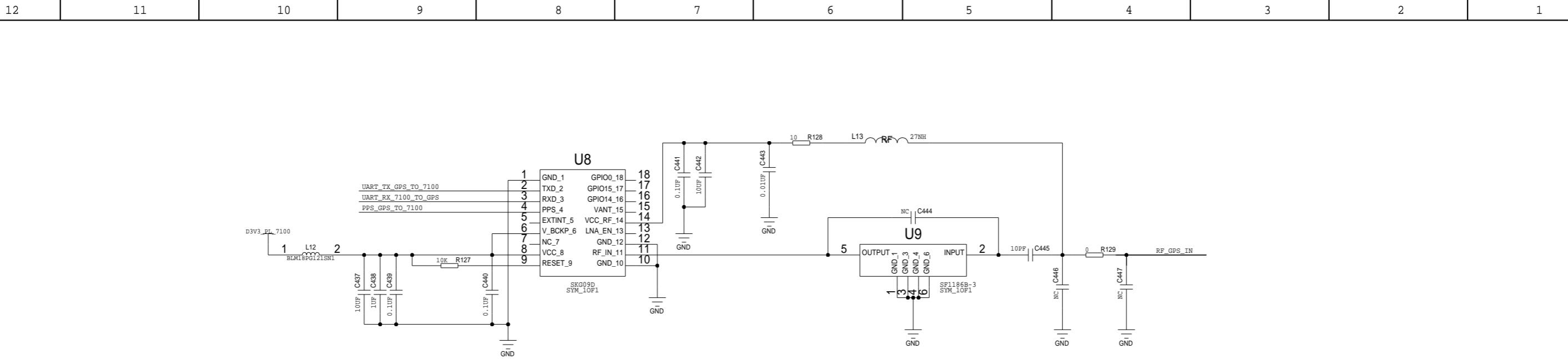
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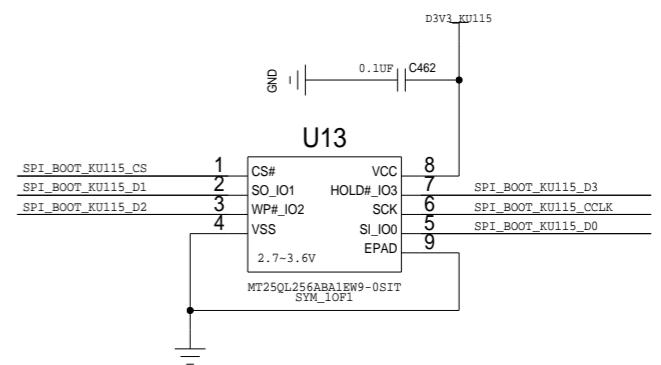
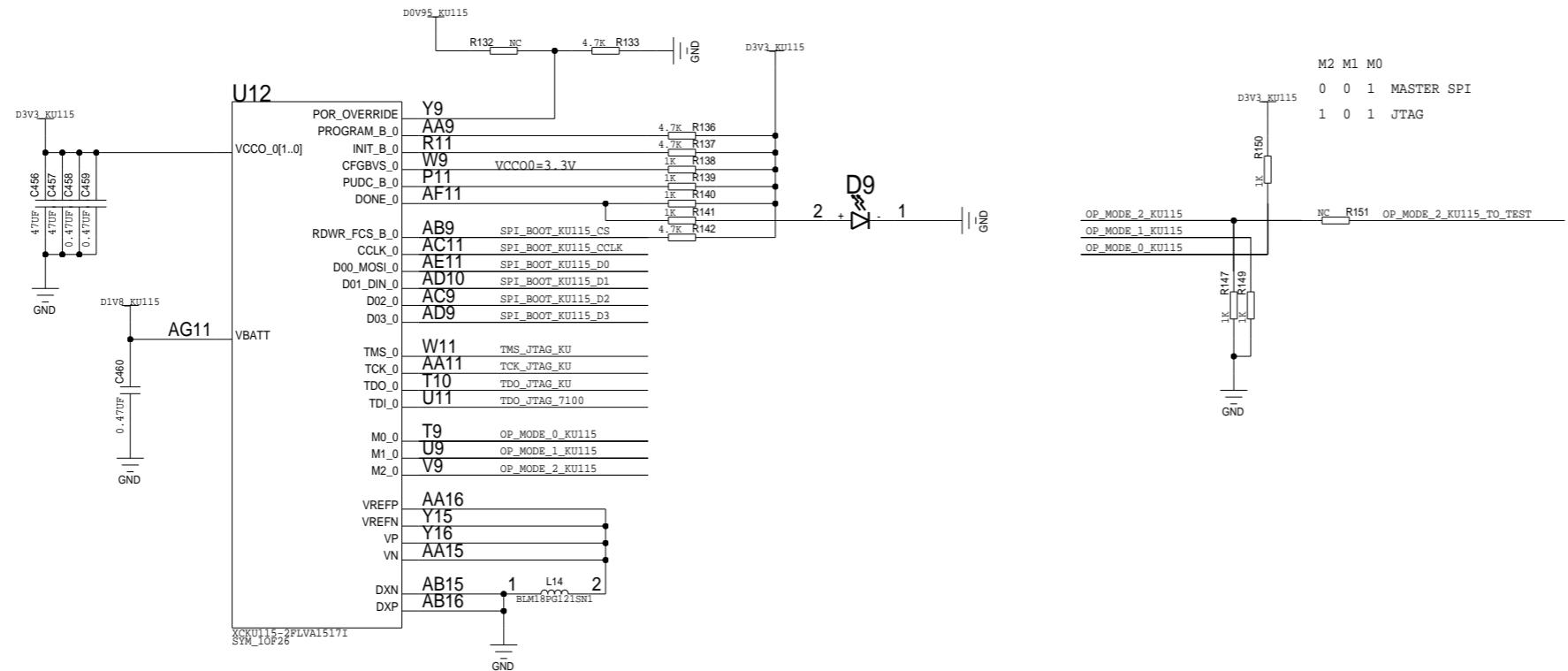
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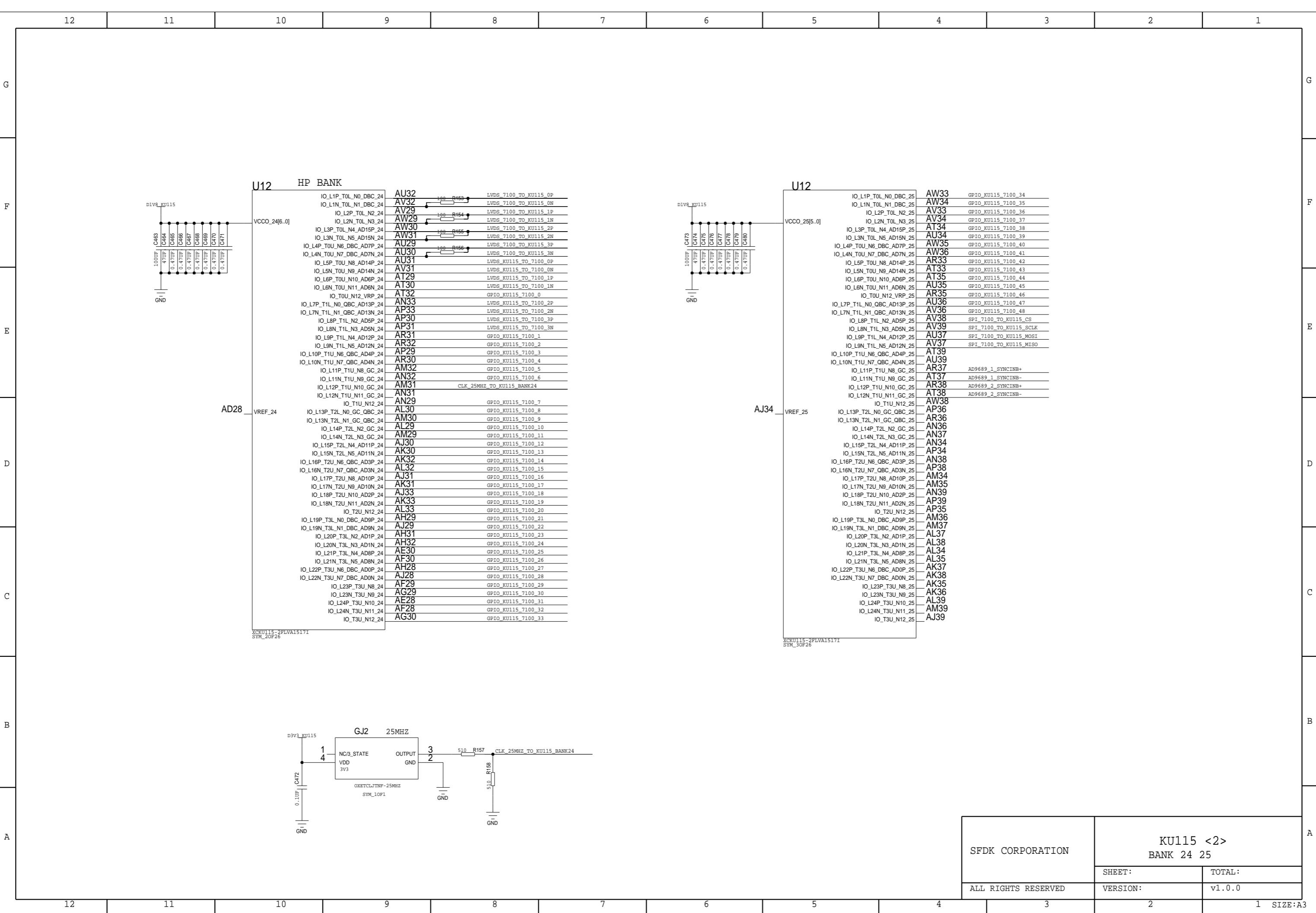
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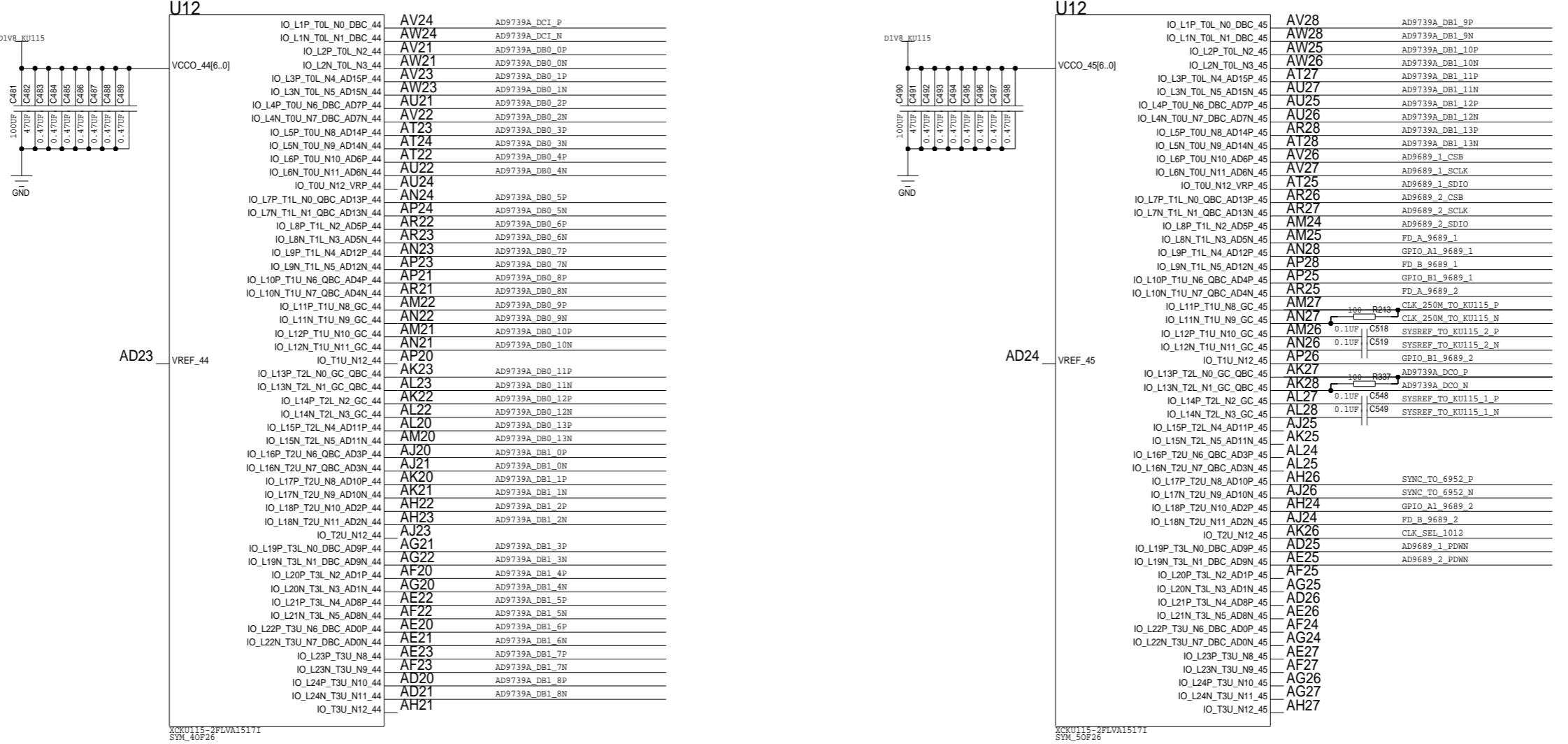




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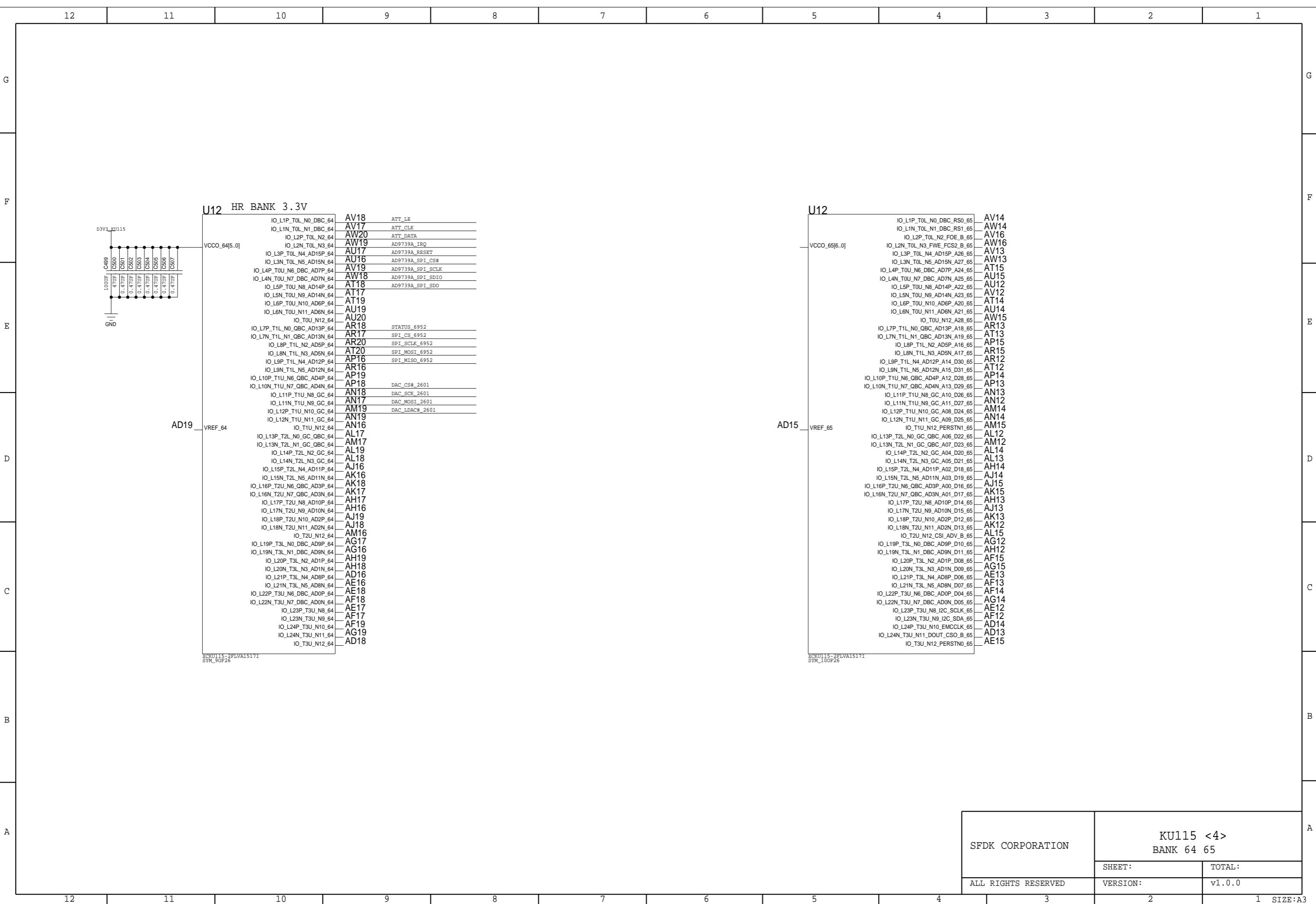
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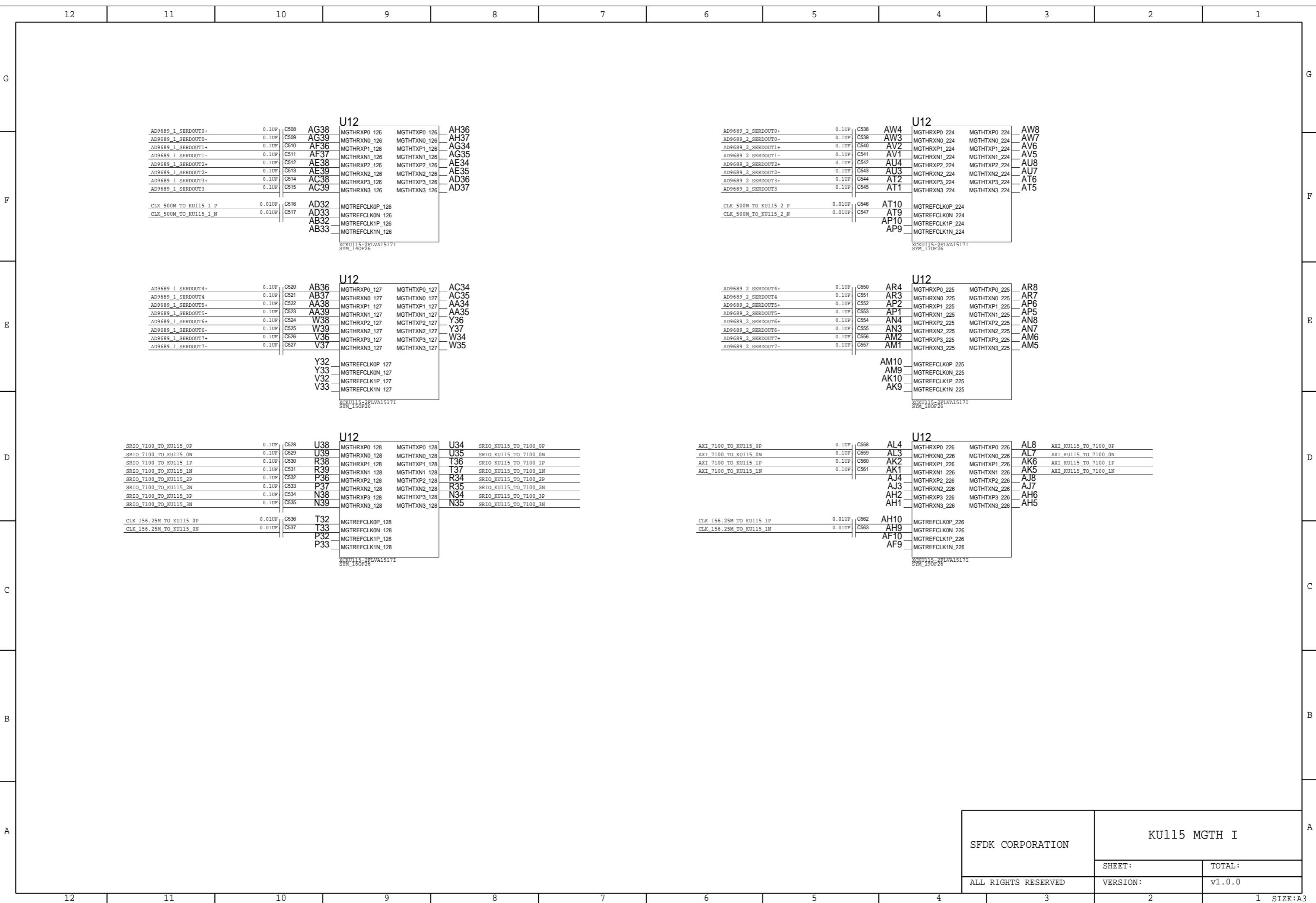
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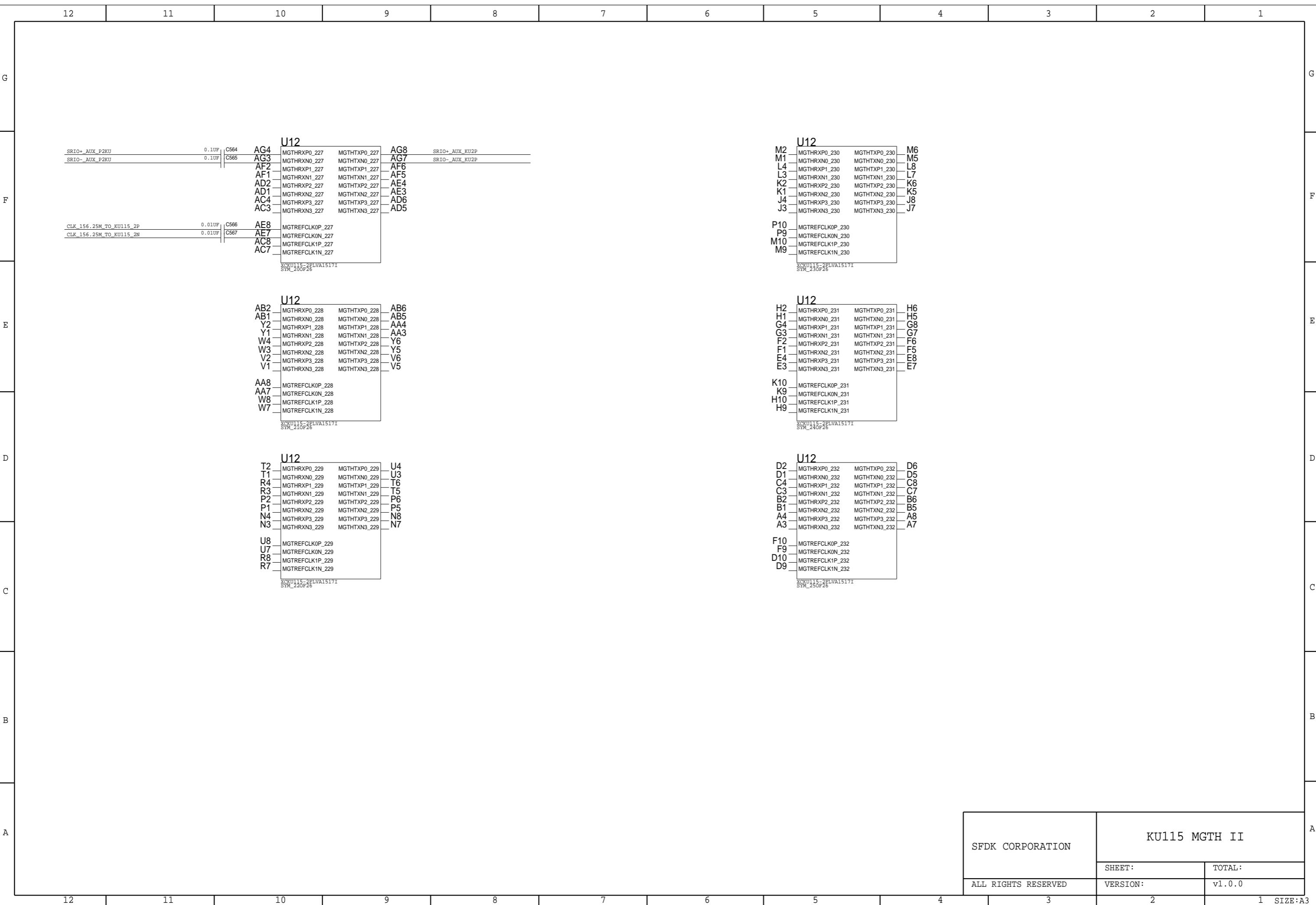
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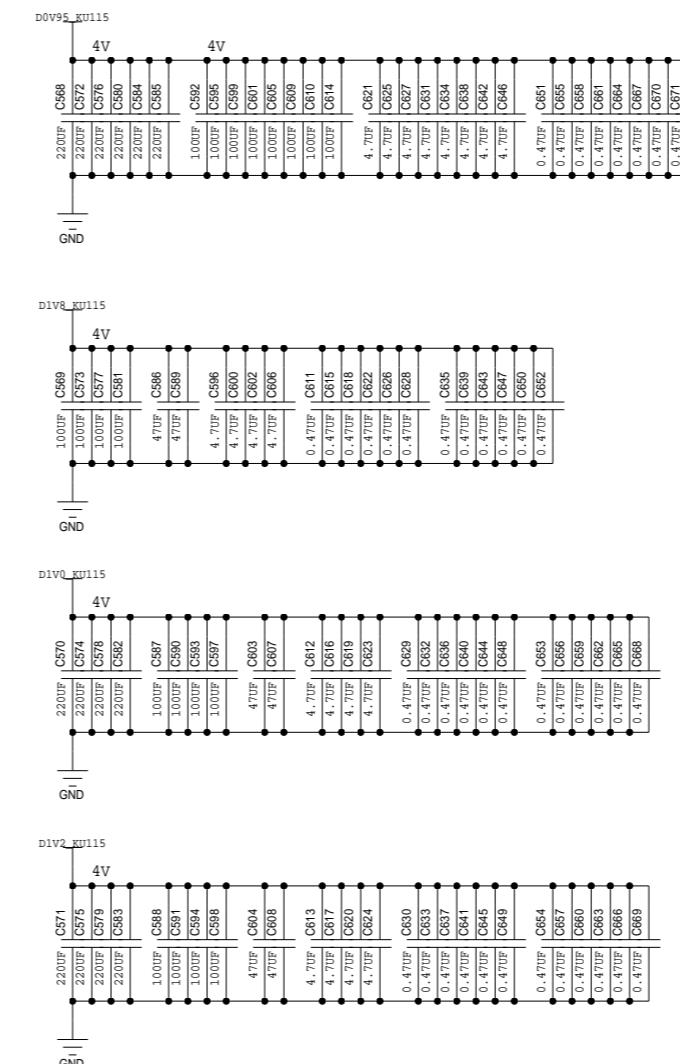
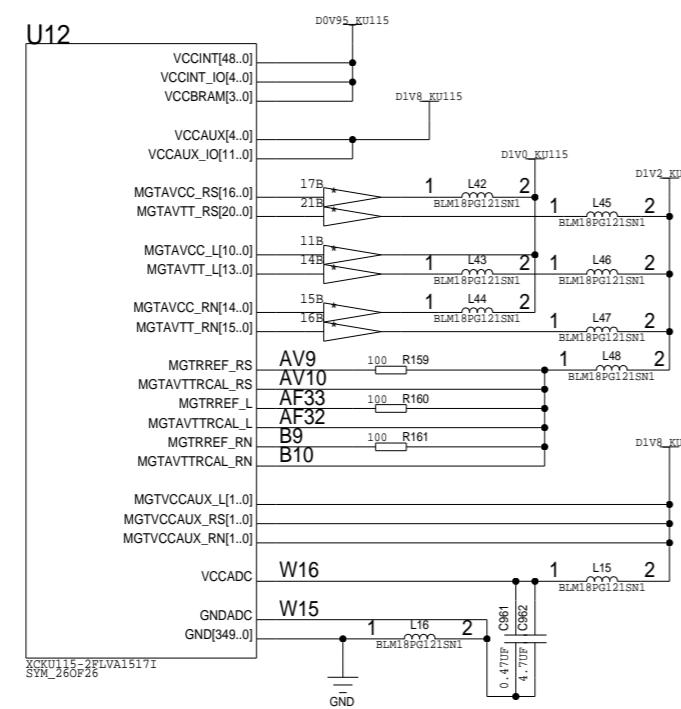
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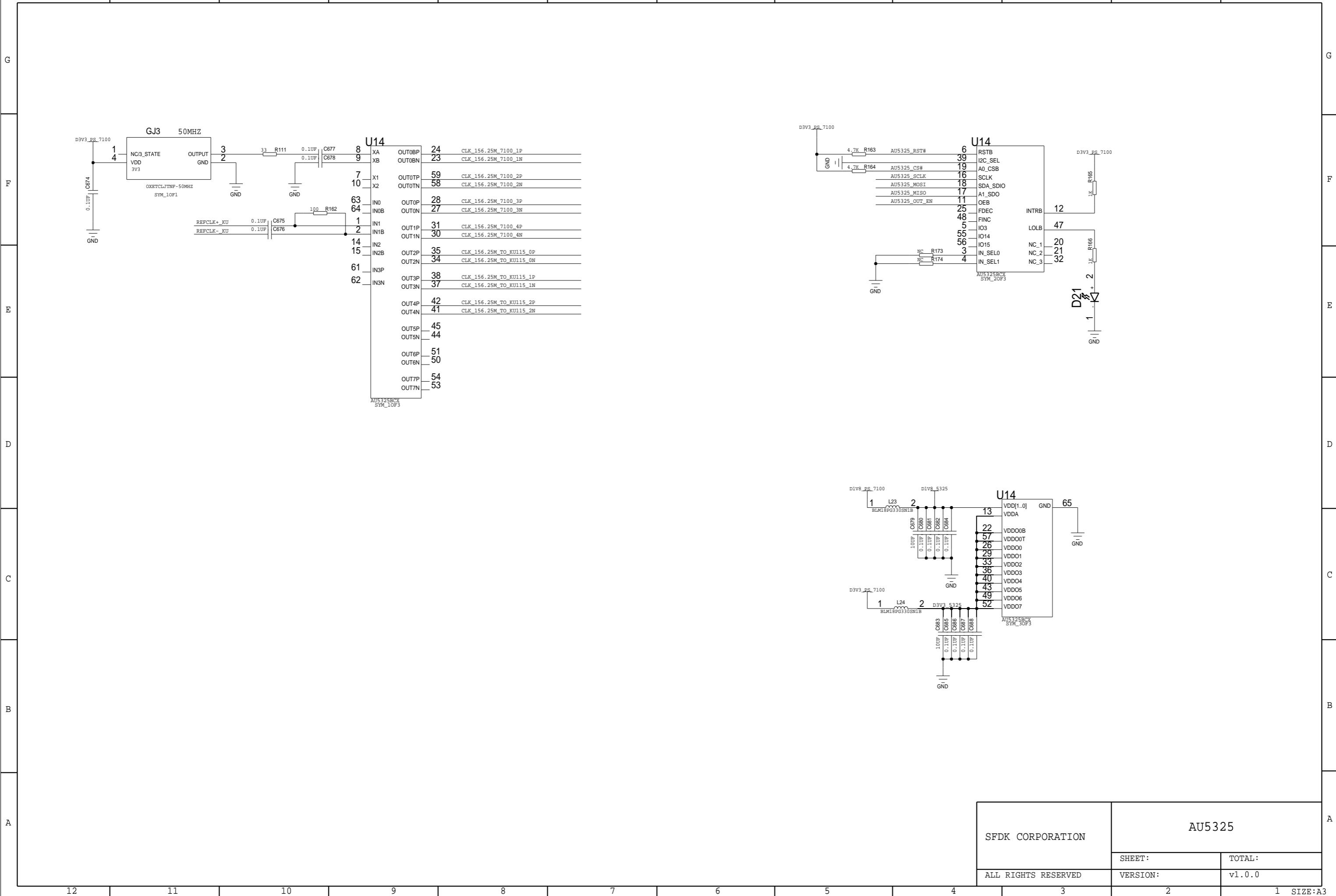
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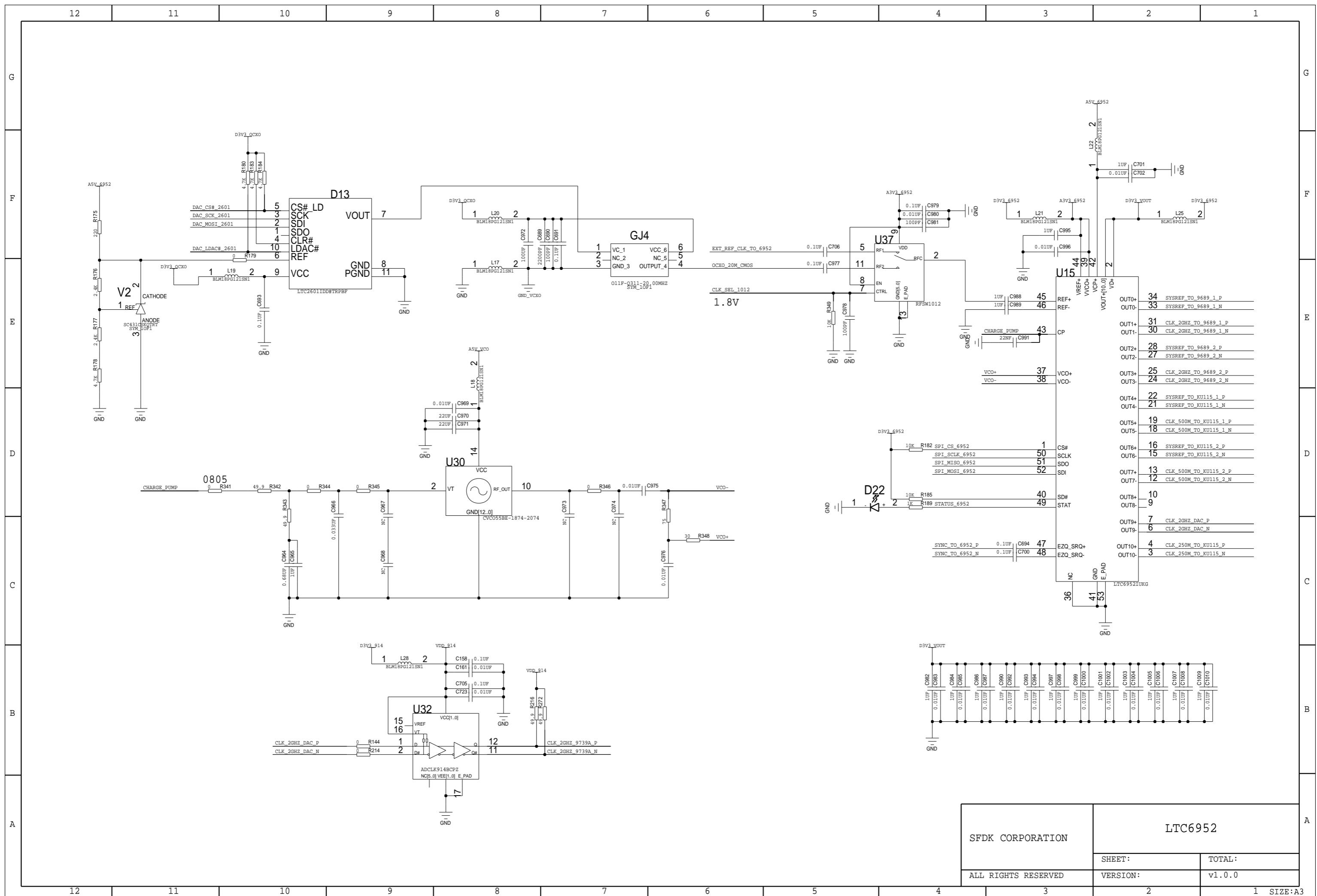
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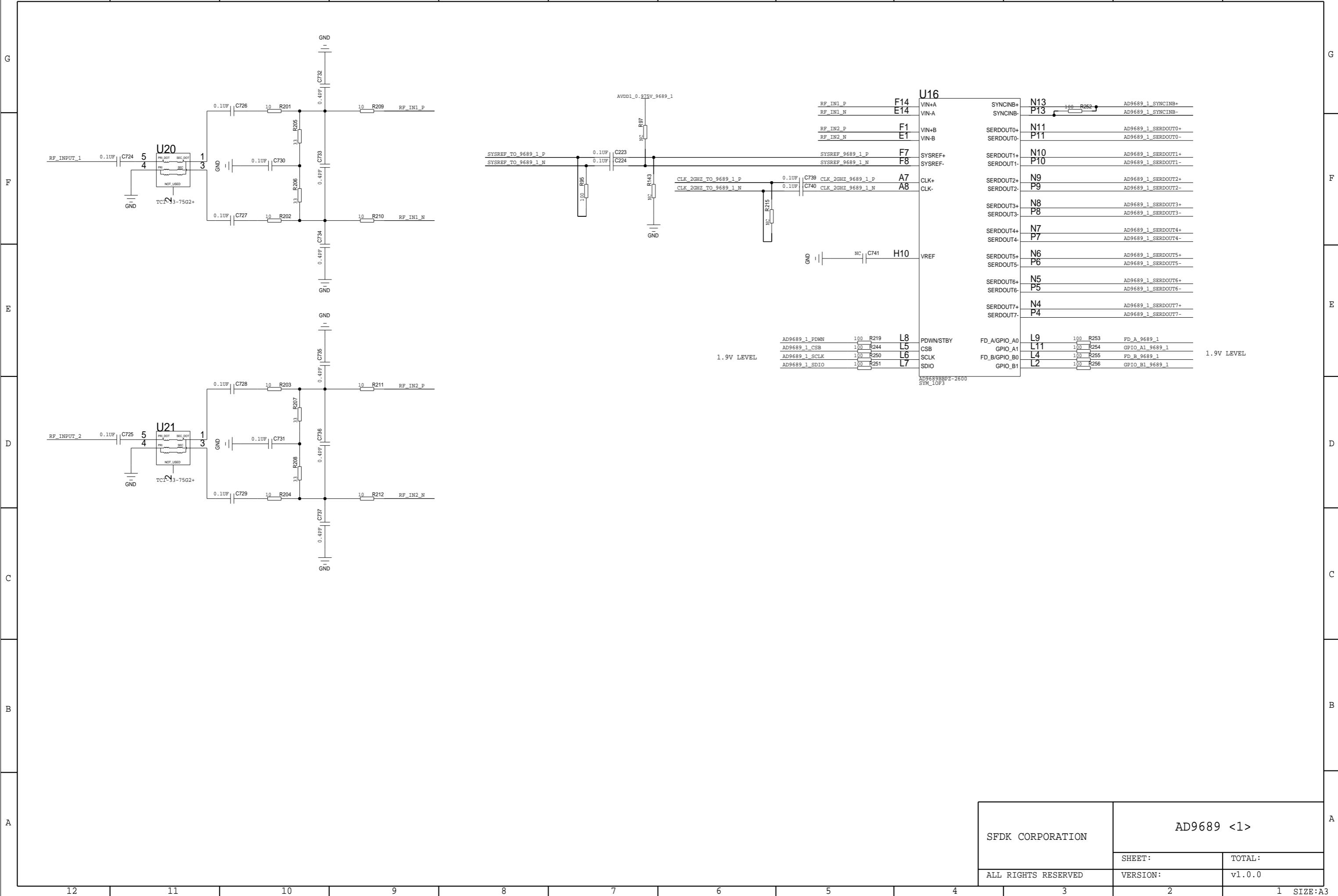
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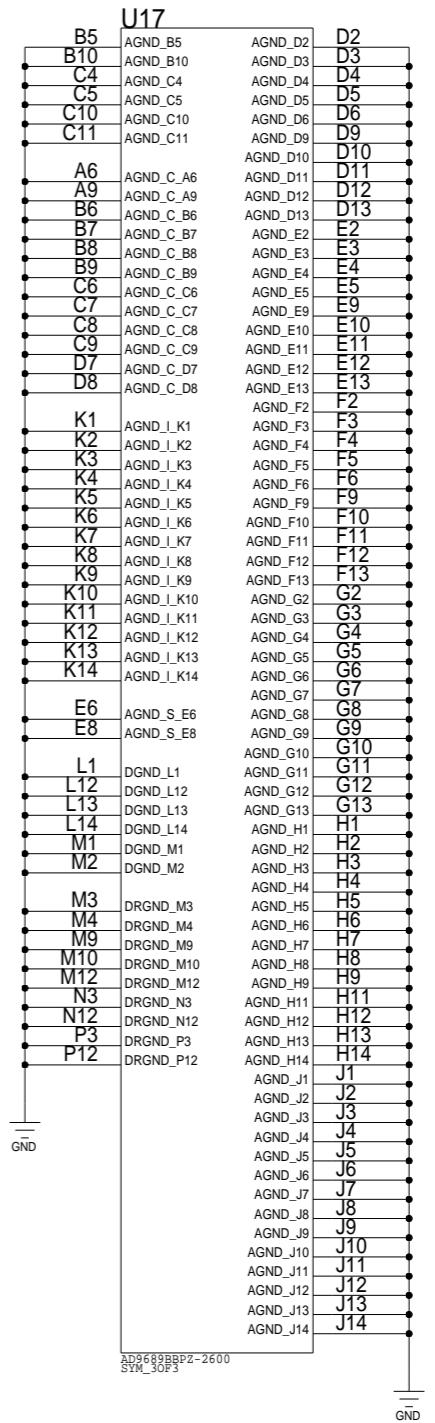
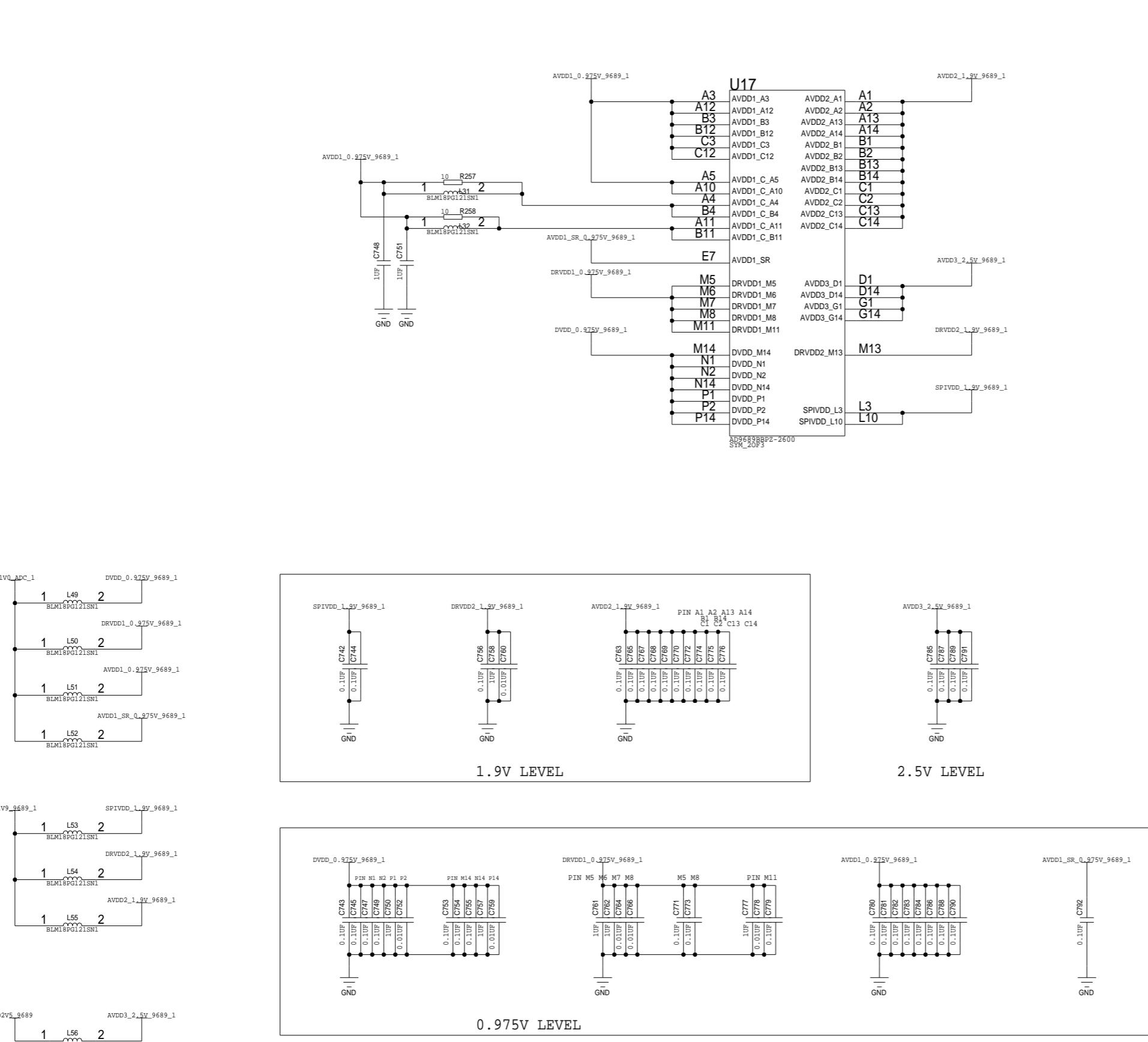


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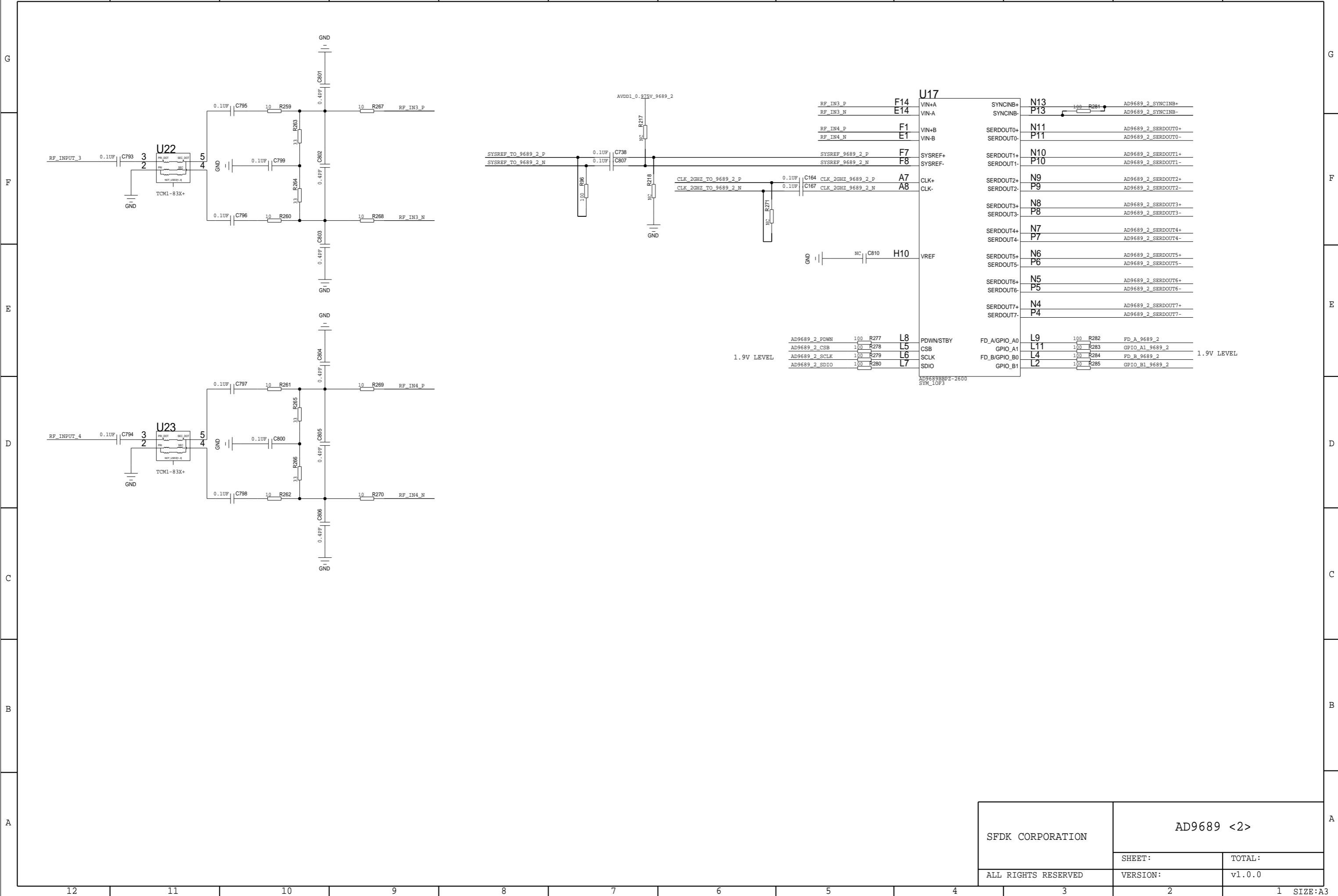
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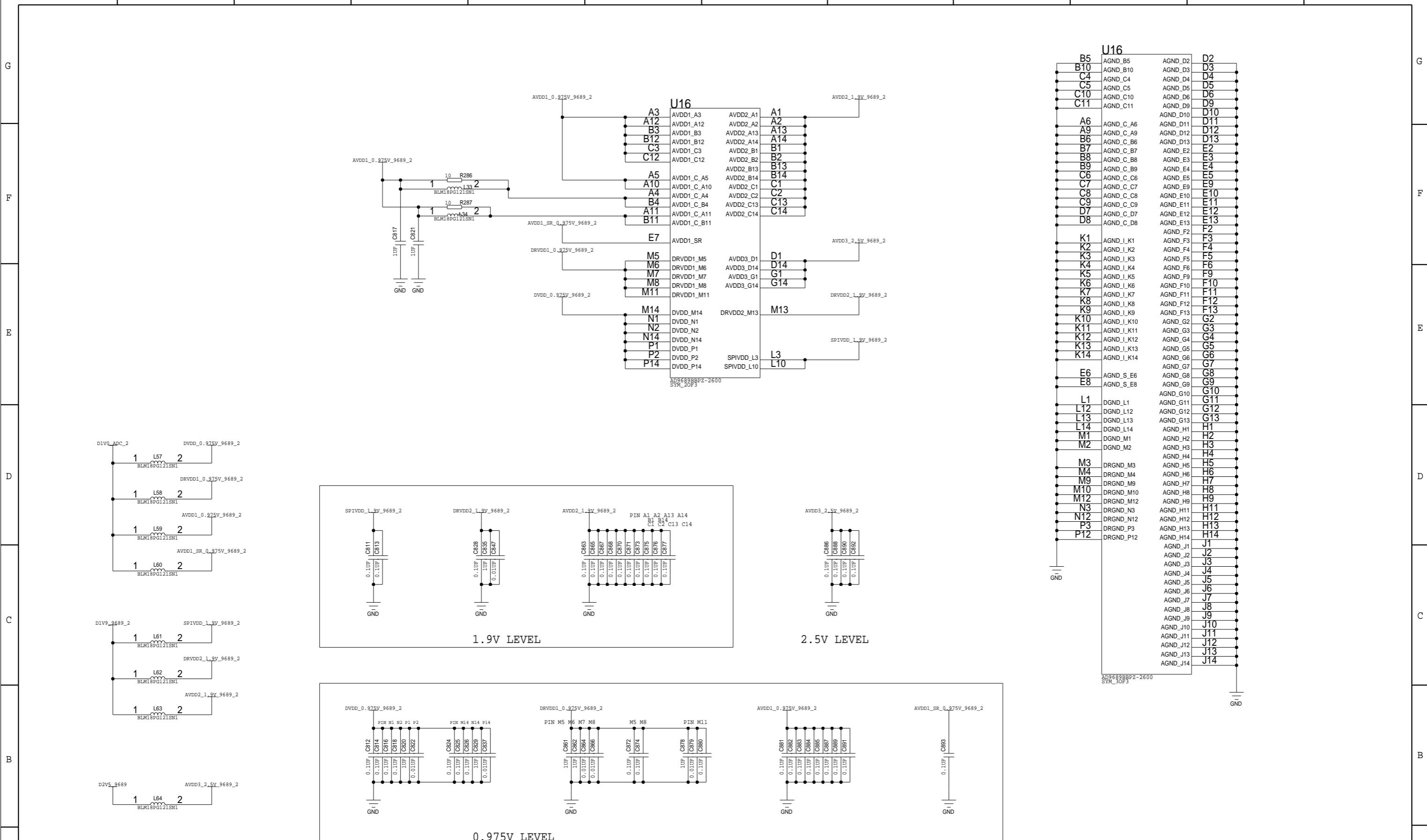
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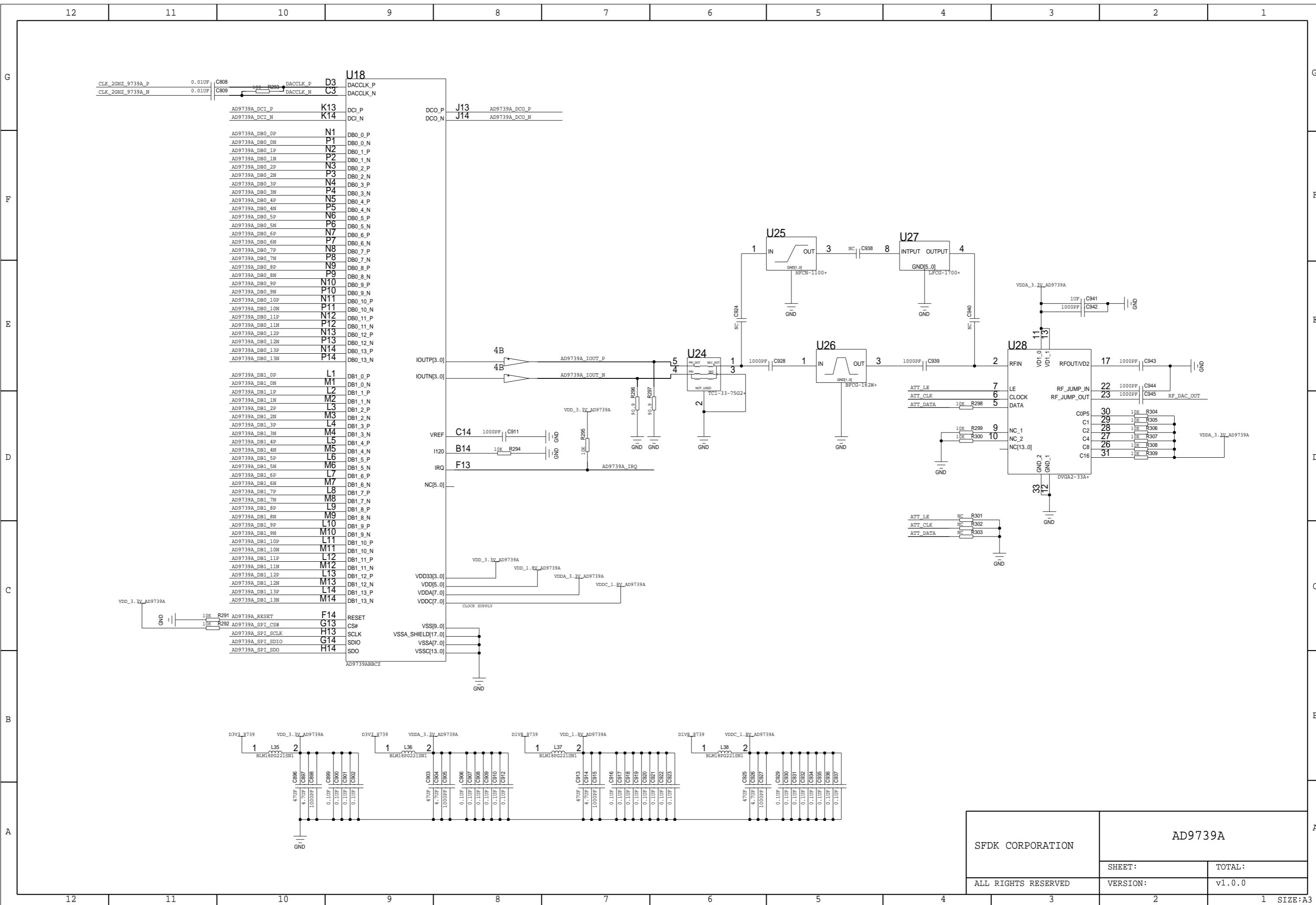
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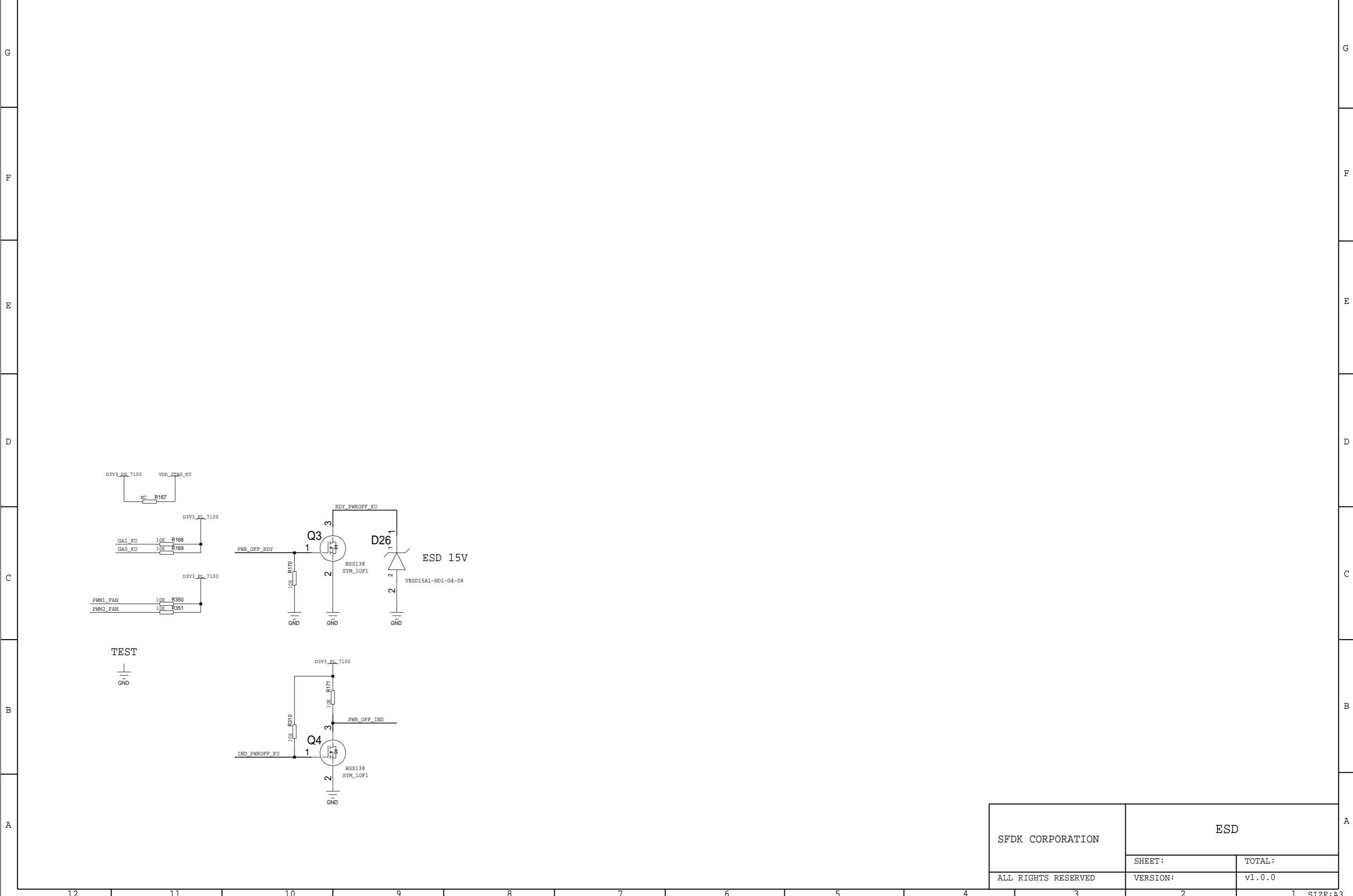
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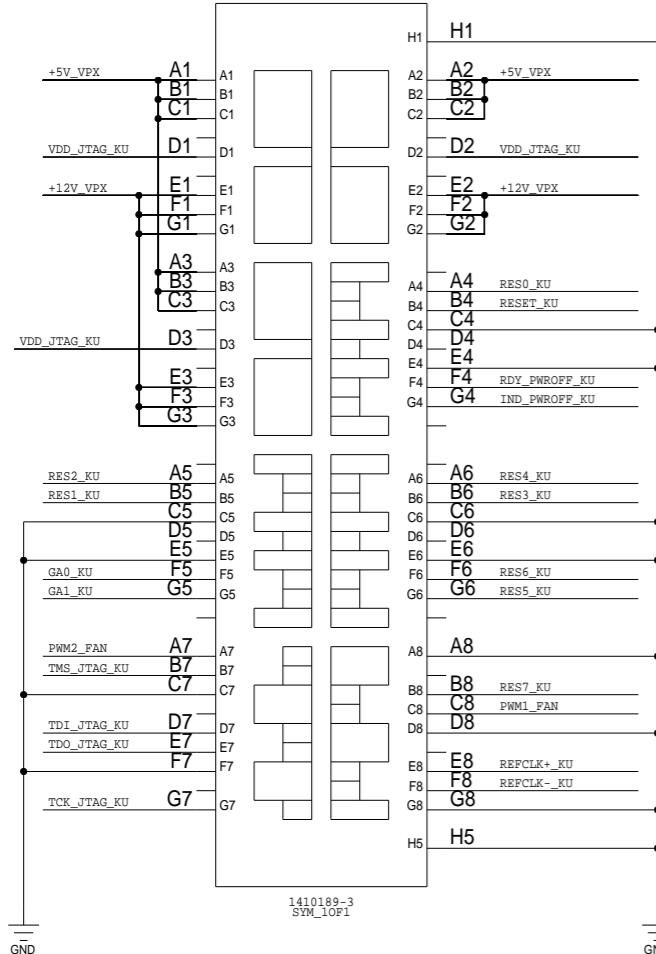
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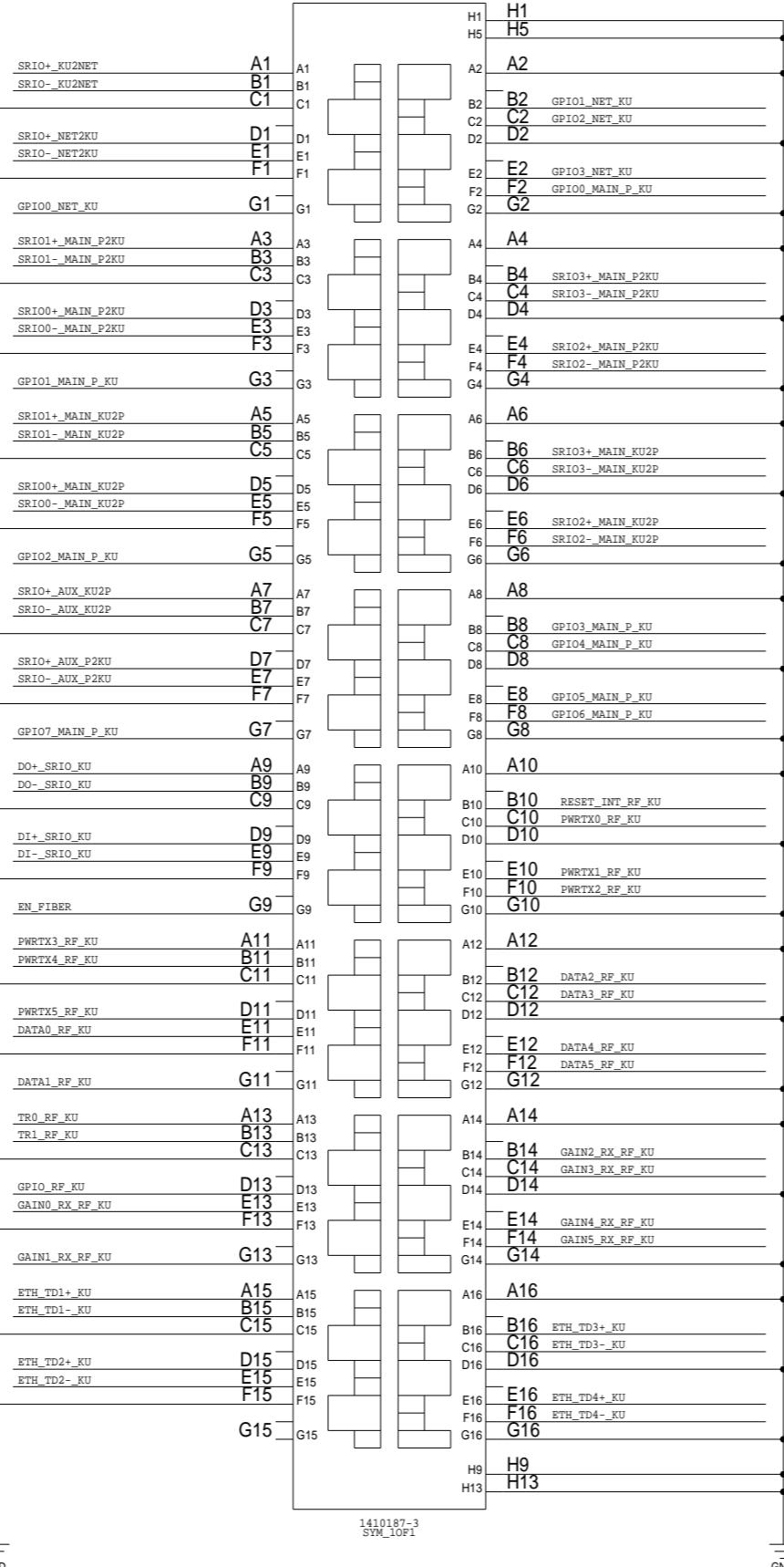
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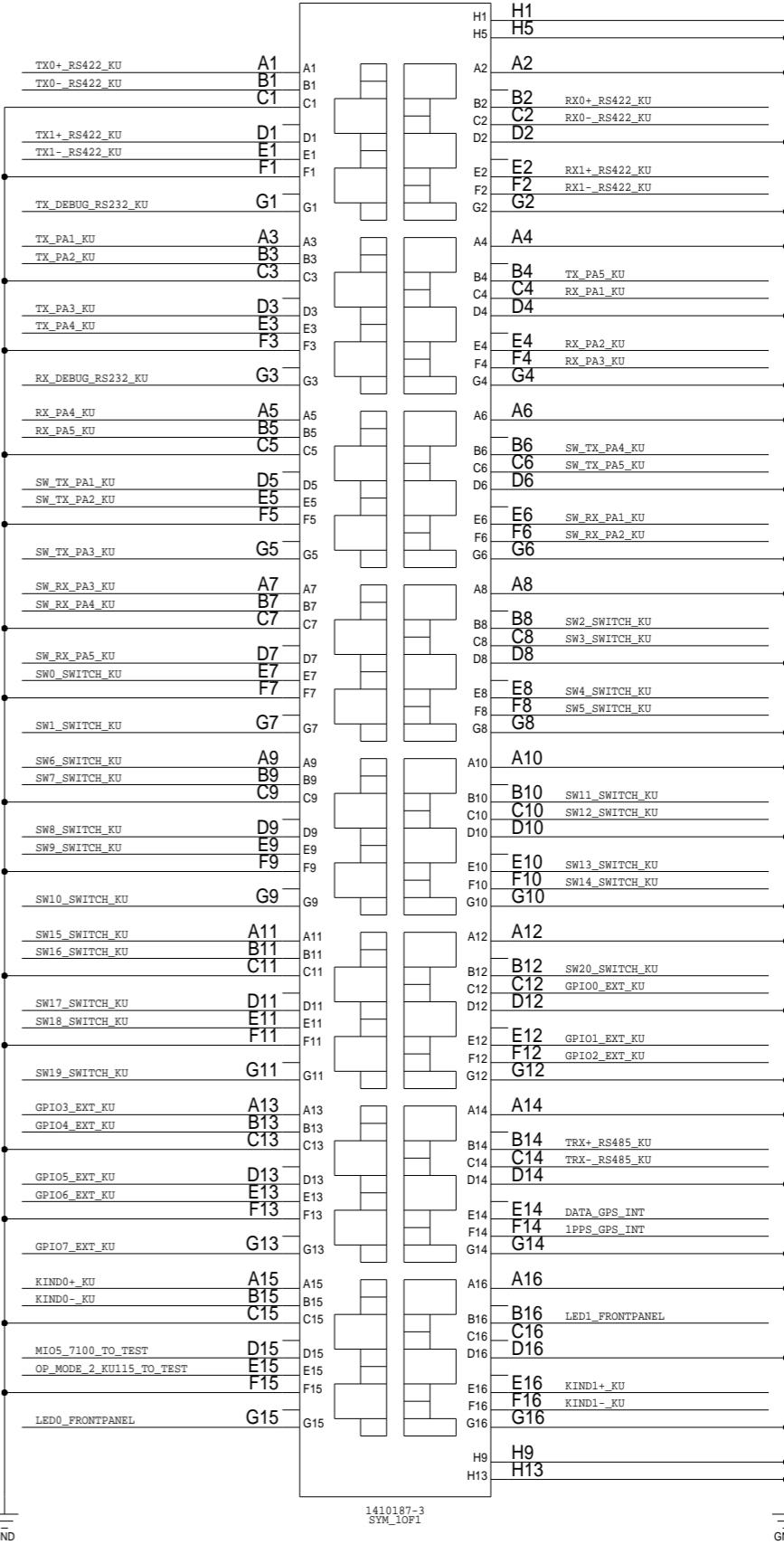
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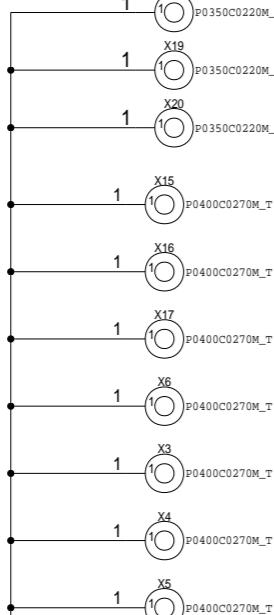
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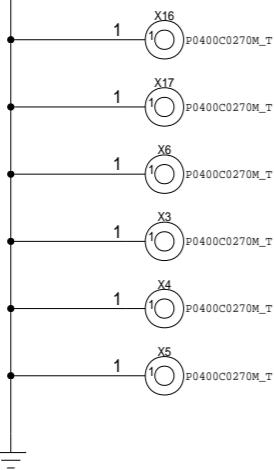
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X1
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SYM_1OF1



X2
1-1469492-2
SYM_1OF1



SFDK CORPORATION

VPX_CONN

SHEET:	TOTAL:
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