

DESIGNED BY

T. IMURA

TITLE

2010\_LED\_RMT

FUNCTION

RMT

SH.NO.

1

PAGE NO.

1

REV.MARK

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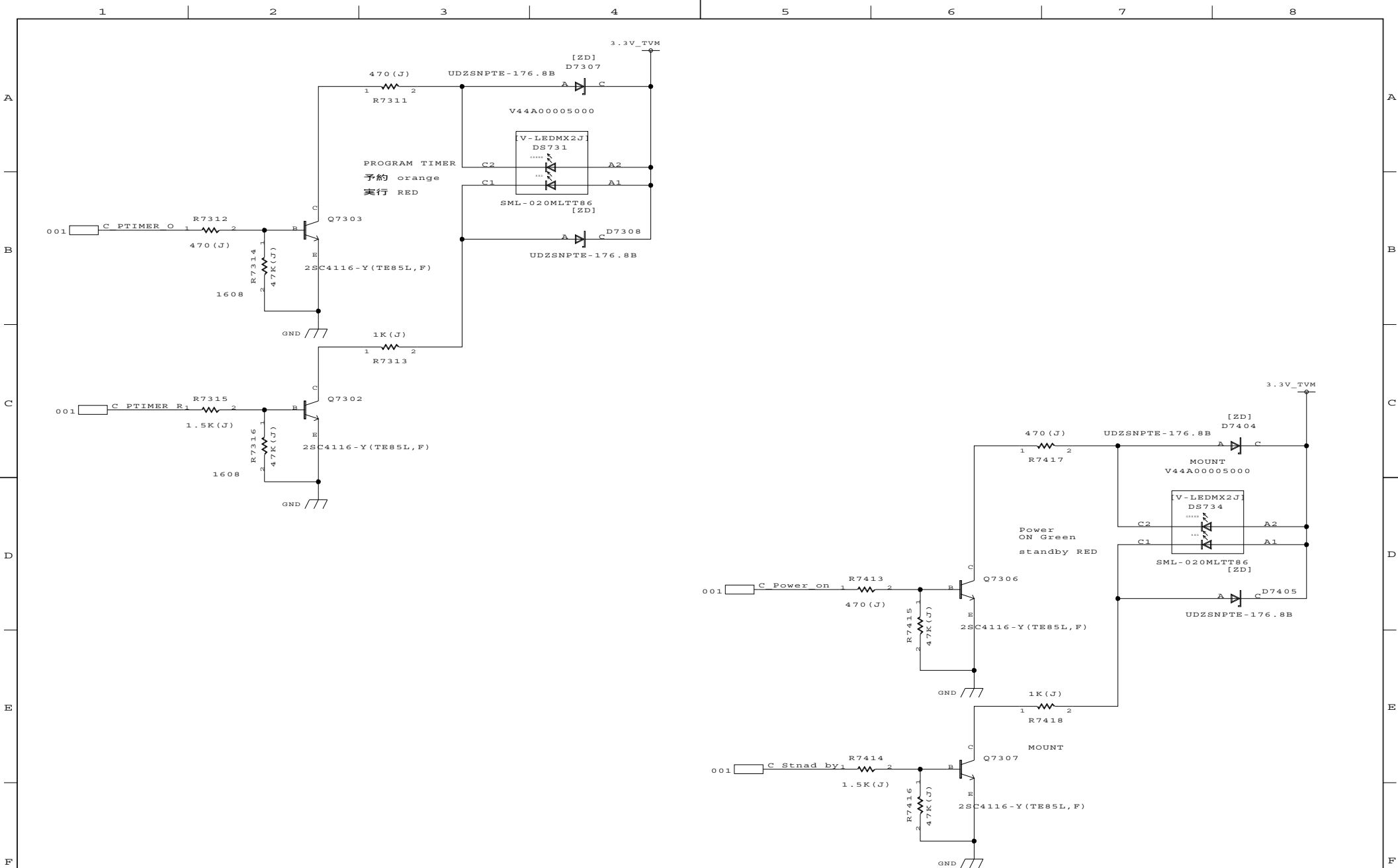
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2012.03.27 09:58

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T. IMURA

TITLE

2010\_LED\_RMT

FUNCTION

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3

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3

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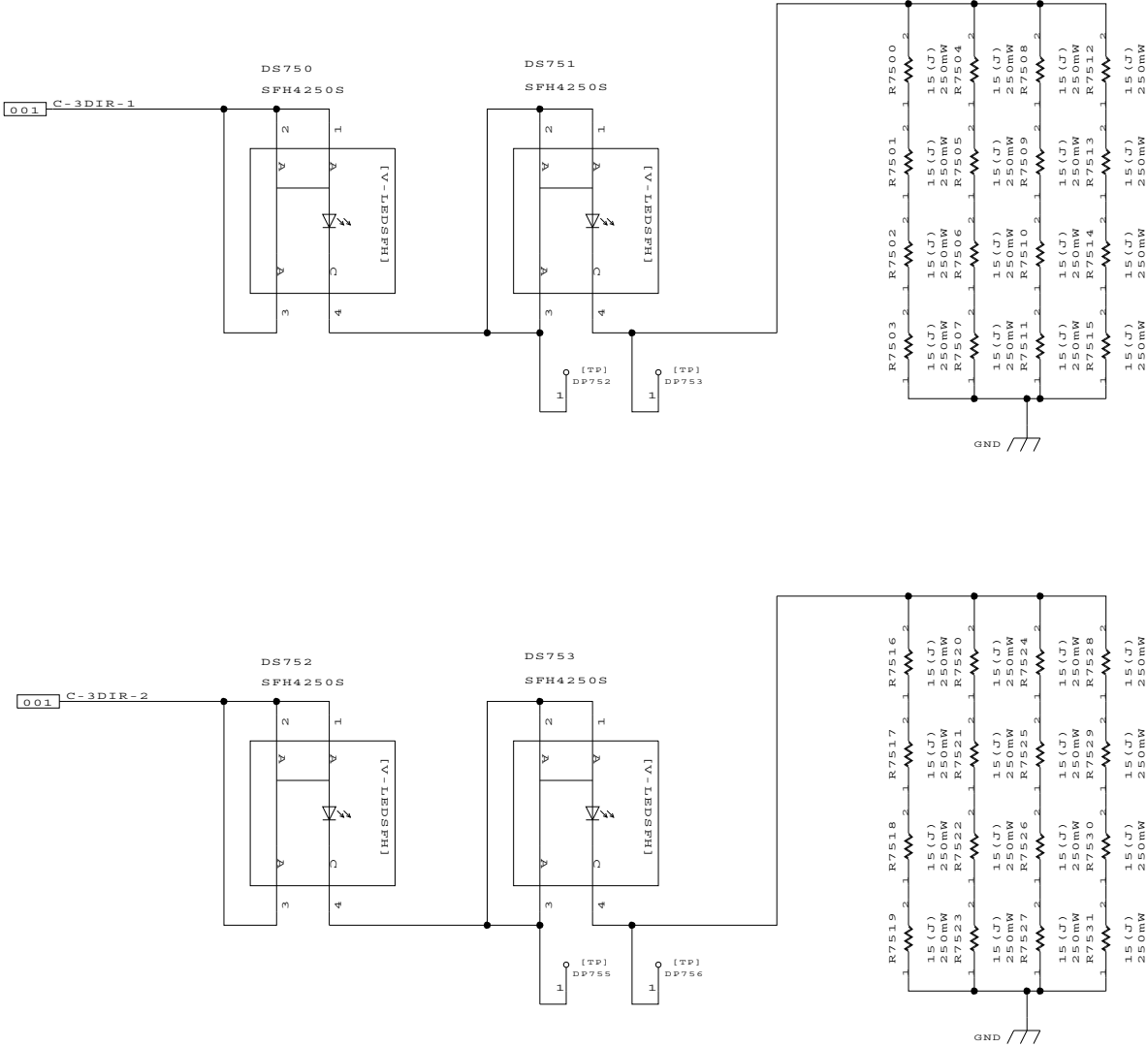
2012.03.27 09:58

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A  
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DESIGNED BY	TITLE	FUNCTION	SH.NO.	PAGE NO.	REV.MARK	DRAWING.NO.
M. SATO	2011_LED_RMT	3D-IR	4	4	00	
2012.03.27	09:58					TOSHIBA CORPORATION

SCHEMATIC DIAGRAMS

PRODUCT NAME      RL933/953

UNIT NAME      MAIN

UNIT NO.      PE1070

PWA NAME

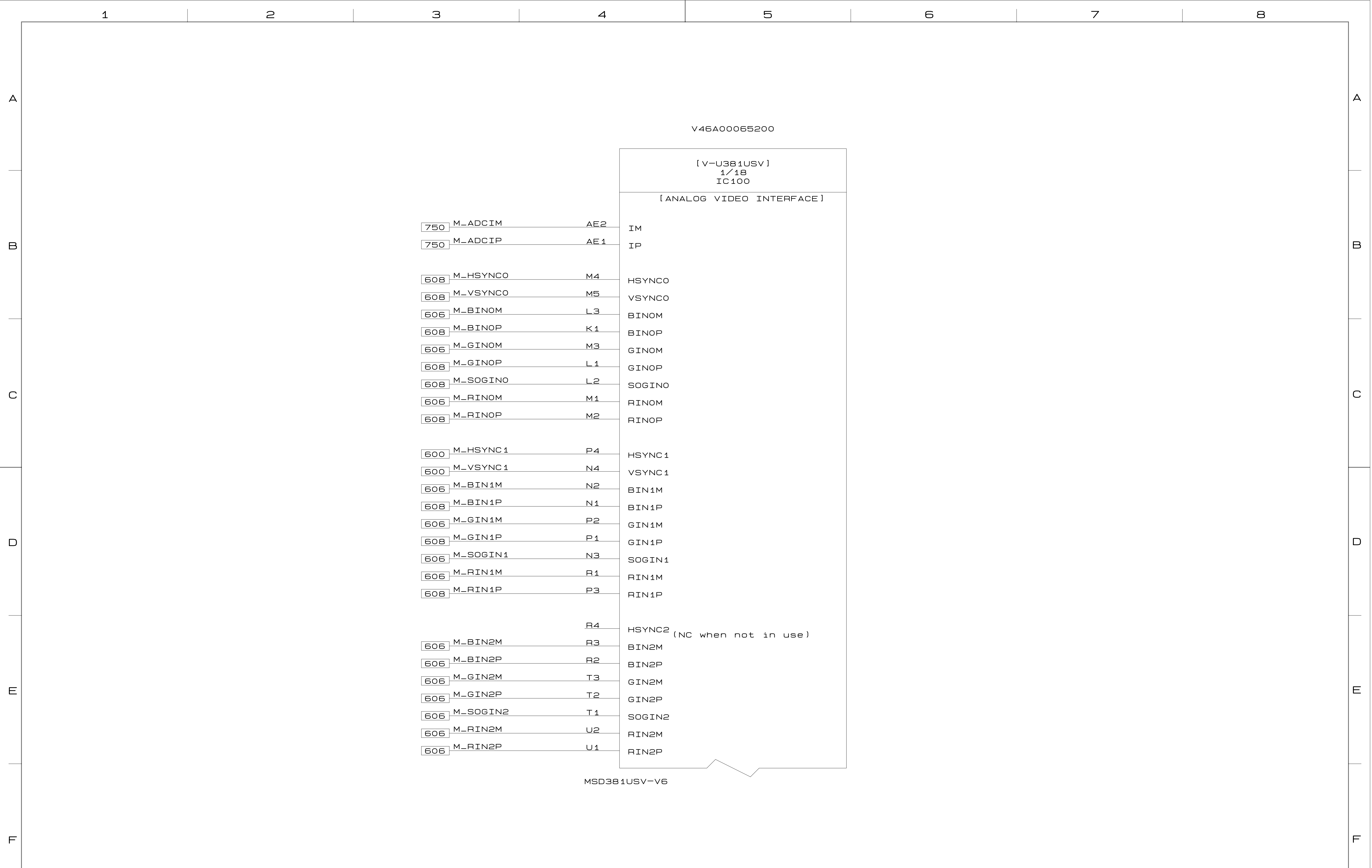
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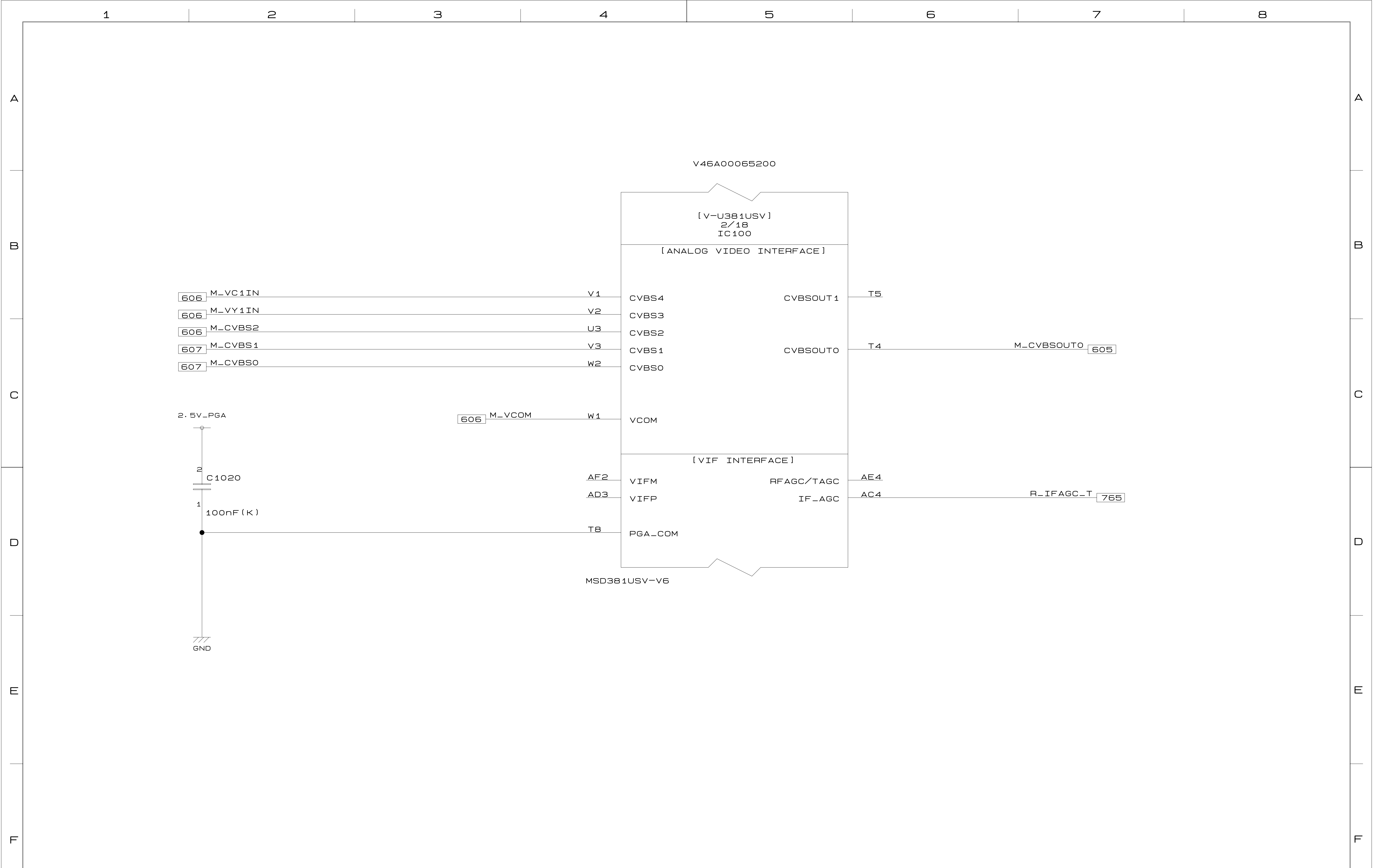
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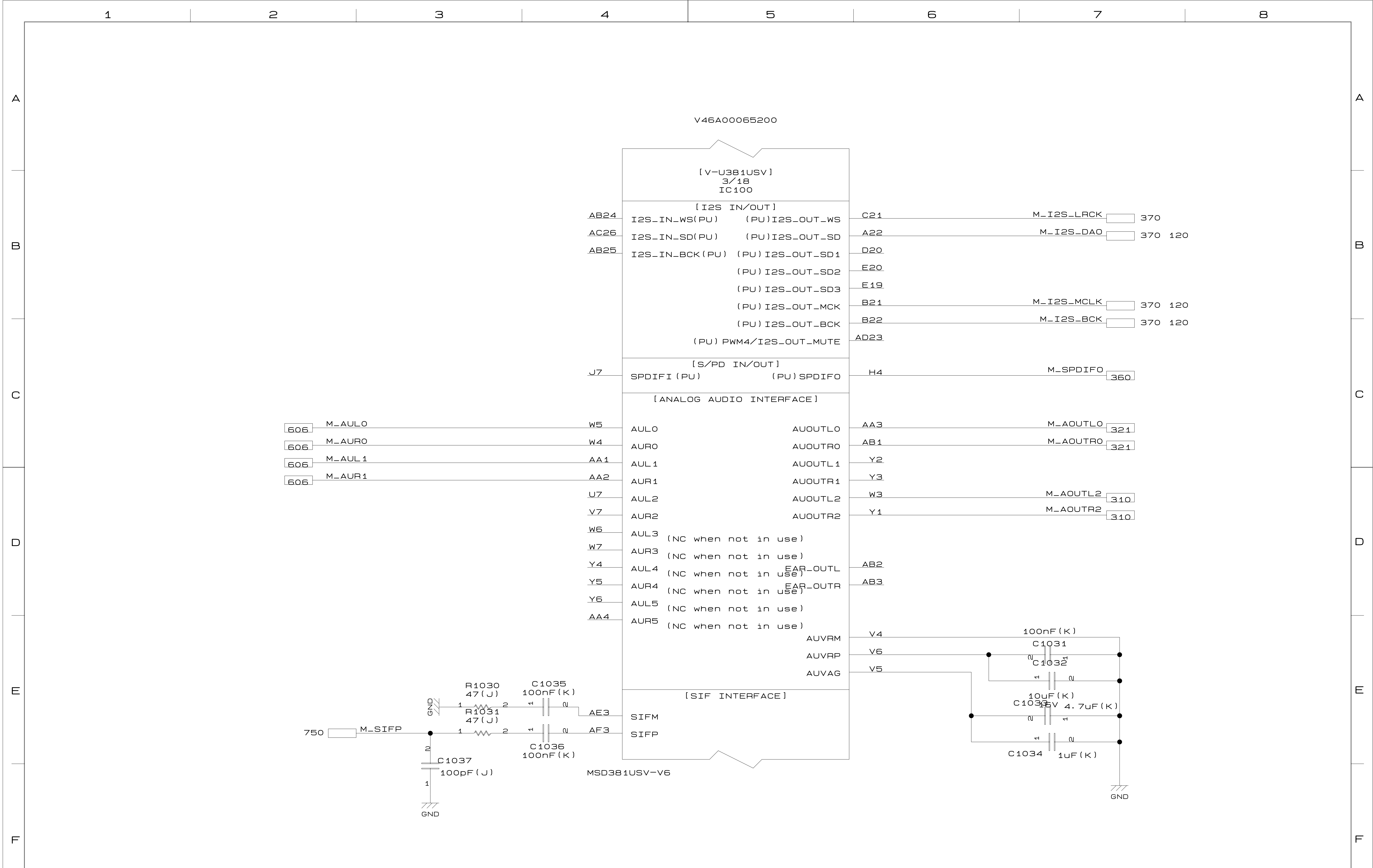
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PAGE	SH.	FUNCTION	REV	PAGE	SH.	FUNCTION	REV	PAGE	SH.	FUNCTION	REV	PAGE	SH.	FUNCTION	REV
1	---	COVER SHEET	MP	26	131	EBUS RESISTOR	MP	51	663	HDMI HPD(2)	MP	76			
2	101	MStar (Component Video)	MP	27	132	SPI FLASH	MP	52	664	HDMI DDC	MP	77			
3	102	MStar (CVBS, VIF)	MP	28	134	NAND FLASH	MP	53	665	3.3V_HDMI	MP	78			
4	103	MStar (Audio, SIF)	MP	29	150	ETHER PHY	MP	54	669	HDCP KEY ROM	MP	79			
5	104	Mstar (CI)	MP	30	151	RJ45 CONNECTOR	MP	55	700	LED/IR IF	MP	80			
6	105	Mstar (TS)	MP	31	160	USB CONNECTOR(side)	MP	56	701	5V LED/KEY	MP	81			
7	106	Mstar (HDMI 1/2)	MP	32	310	AUDIO TV OUTPUT	MP	57	704	TVM FAN CONTROL	MP	82			
8	107	Mstar (HDMI 2/2)	MP	33	321	Headphone AMP	MP	58	750	TUNER	MP	83			
9	108	MStar (LVDS 1/2)	MP	34	360	OPTICAL OUTPUT	MP	59	765	DEMOD DVB-T2/T/C	MP	84			
10	109	MStar (LVDS 2/2)	MP	35	370	AUDIO D-AMP (MAIN)	MP	60	780	TUNER POWER	MP	85			
11	110	MStar (DDR A)	MP	36	371	AUDIO D-AMP OUT (MAIN)	MP	61	790	CI TS RESISTOR	MP	86			
12	111	MStar (DDR B)	MP	37	373	AUDIO MUTE	MP	62	791	CI POWER/CONNECTOR	MP	87			
13	112	MStar (DDR C)	MP	38	600	EURO SCART	MP	63	793	CI ADDRESS BUFFER	MP	88			
14	113	Mstar (NAND, FRC)	MP	39	601	FRONT AV	MP	64	794	CI DATA RESISTOR	MP	89			
15	114	MStar (GPIO)	MP	40	602	DSUB PC IN	MP	65	795	CI CONTROL BUFFER	MP	90			
16	115	Mstar (USB, MISC)	MP	41	603	EURO COMPONENT IN	MP	66	796	CI TS OUTPUT BUFFER	MP	91			
17	116	MStar (Power 1/3)	MP	42	605	EURO TV OUT	MP	67	901	3.3V STANDBY	MP	92			
18	117	MStar (Power 2/3)	MP	43	606	AV INPUT1	MP	68	902	POWER 1.1V	MP	93			
19	118	MStar (Power 3/3)	MP	44	607	AV INPUT2	MP	69	904	FRC POWER 1.5V	MP	94			
20	120	PERI (XTAL, STRAPS)	MP	45	608	AV INPUT3	MP	70	905	POWER 3.3VD	MP	95			
21	121	RESET, I2C	MP	46	650	LVDS CONNECTOR	MP	71	906	POWER 6V	MP	96			
22	122	PERI (SERIAL)	MP	47	652	BL_CONTROL & DIMMING	MP	72	950	POWER CONNECTOR	MP	97			
23	126	DDR3 SDRAM	MP	48	660	HDMI CONNECTOR	MP	73	960	EMC CONTROL	MP	98			
24	127	DDR3 Damping Resistors	MP	49	661	HDMI 5VPWR	MP	74				99			
25	128	DDR3 Damping Resistors	MP	50	662	HDMI HPD(1)	MP	75				100			

APPROVED BY	CHECKED BY	DESIGNED BY	TITLE	TOTAL	PAGE NO.	REV. MARK	DRAWING. NO.
IWANO		OSANAI	MAIN UNIT	73	1	CS1	PE1070

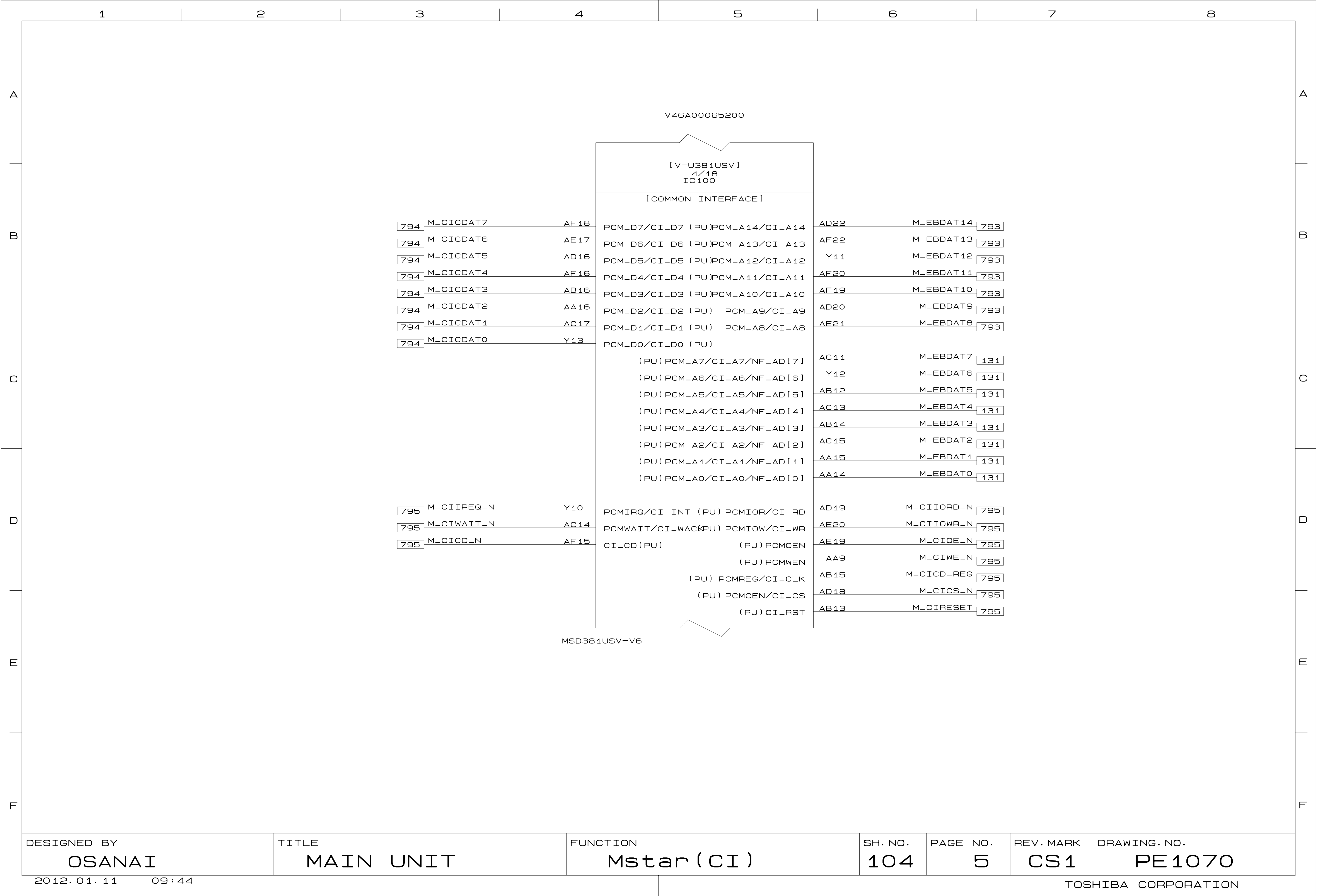






DESIGNED BY	TITLE	FUNCTION	SH. NO.	PAGE NO.	REV. MARK	DRAWING. NO.
OSANAI	MAIN UNIT	MStar (Audio, SIF)	103	4	CS1	PE1070





PCM-D7/CI-D7 (PU)PCM-A14/CI-A14

PCM-D6/CI-D6 (PU)PCM-A13/CI-A13

PCM-D5/CI-D5 (PU)PCM-A12/CI-A12

PCM-D4/CI-D4 (PU)PCM-A11/CI-A11

PCM-D3/CI-D3 (PU)PCM-A10/CI-A10

PCM-D2/CI-D2 (PU) PCM-A9/CI-A9

PCM-D1/CI-D1 (PU) PCM-A8/CI-A8

PCM-D0/CI-D0 (PU)

(PU) PCM-A7/CI-A7/NF-AD[ 7 ]

(PU) PCM-A6/CI-A6/NF-AD[ 6 ]

(PU) PCM-A5/CI-A5/NF-AD[ 5 ]

(PU) PCM-A4/CI-A4/NF-AD[ 4 ]

(PU) PCM-A3/CI-A3/NF-AD[ 3 ]

(PU) PCM-A2/CI-A2/NF-AD[ 2 ]

(PU) PCM-A1/CI-A1/NF-AD[ 1 ]

(PU) PCM-A0/CI-A0/NF-AD[ 0 ]

AD22M-EBDAT14793

AF22M-EBDAT13793

Y11M-EBDAT12793

AF20M-EBDAT11793

AF19M-EBDAT10793

AD20M-EBDAT9793

AE21M-EBDAT8793

AC11M-EBDAT7131

Y12M-EBDAT6131

AB12M-EBDAT5131

AC13M-EBDAT4131

AB14M-EBDAT3131

AC15M-EBDAT2131

AA15M-EBDAT1131

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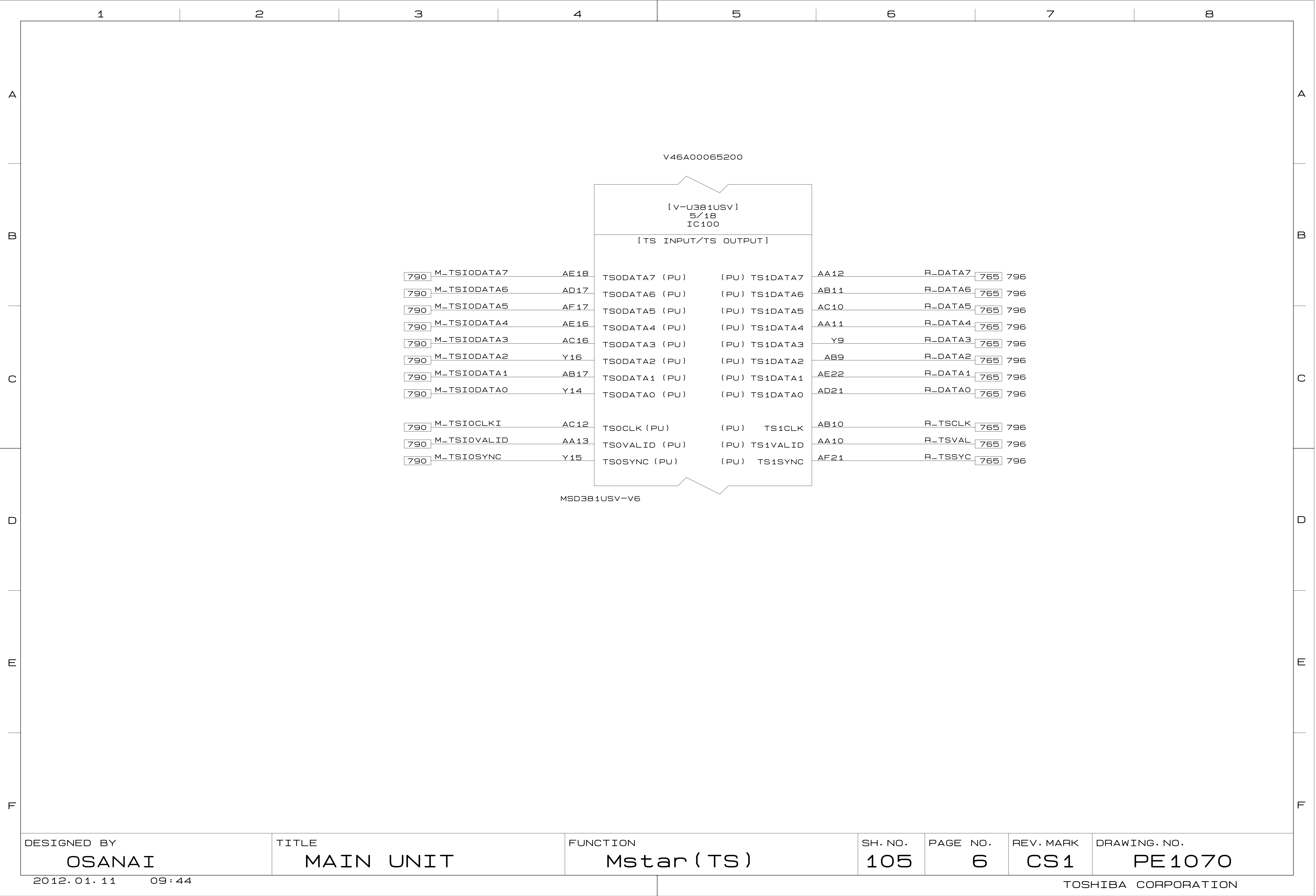
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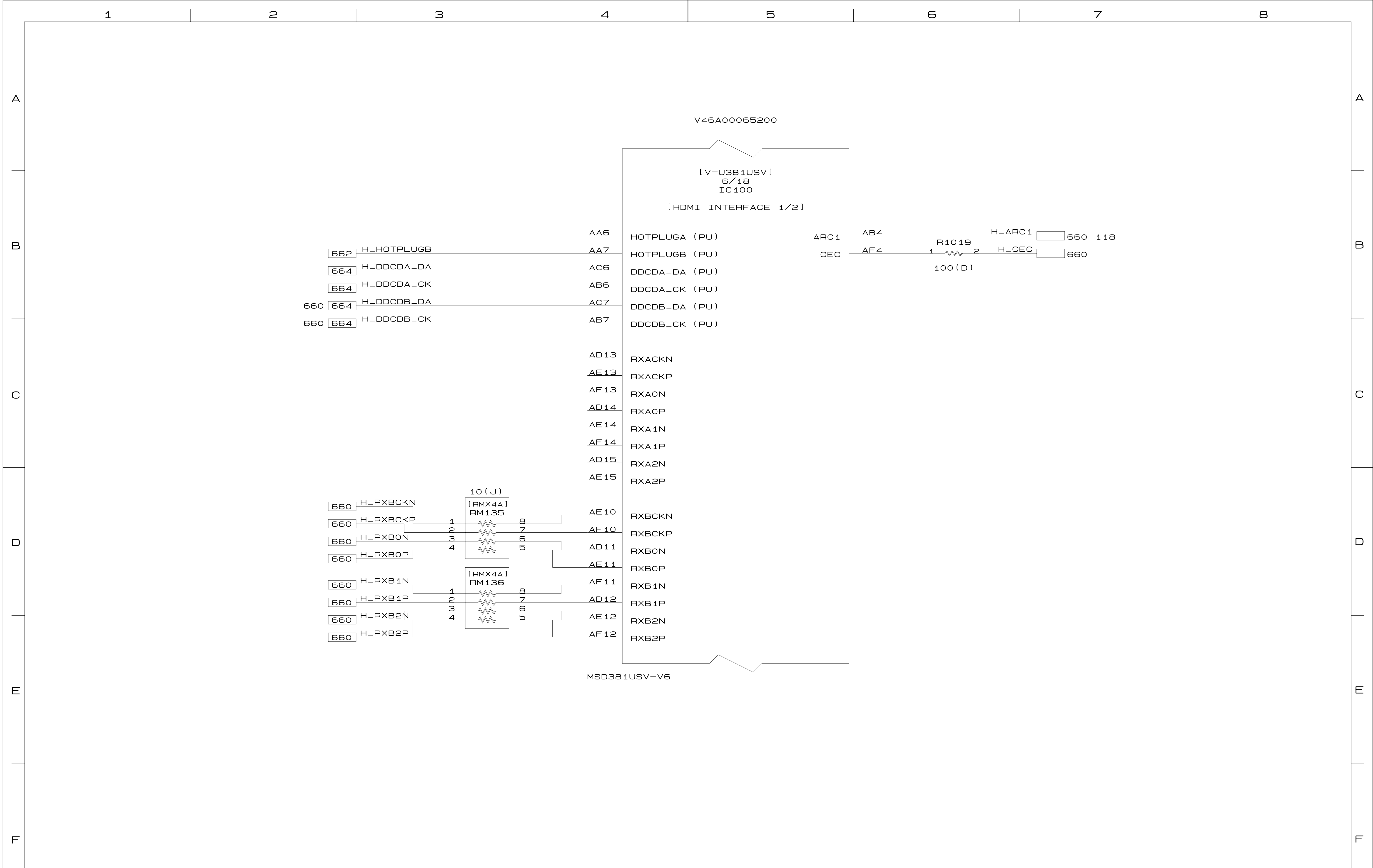
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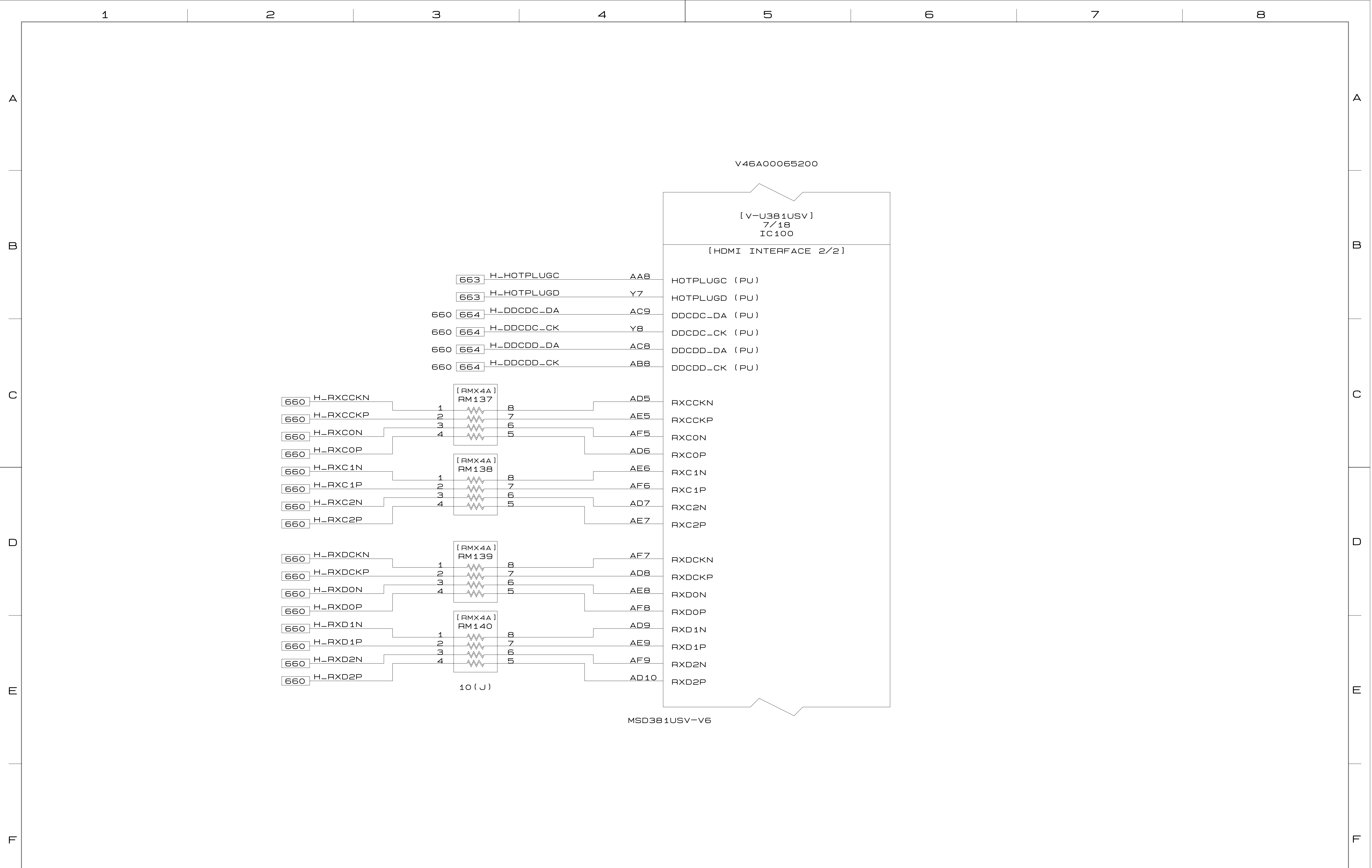
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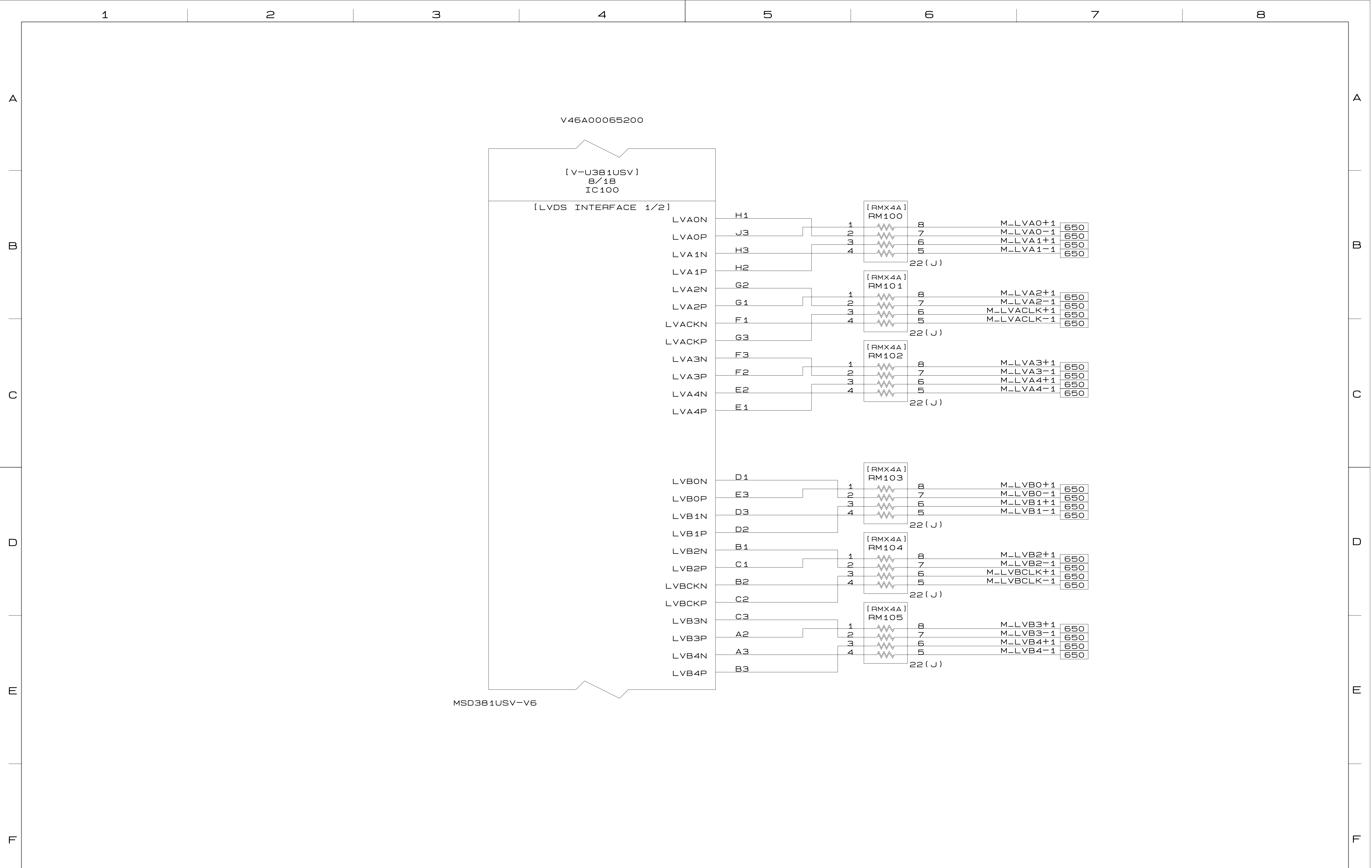
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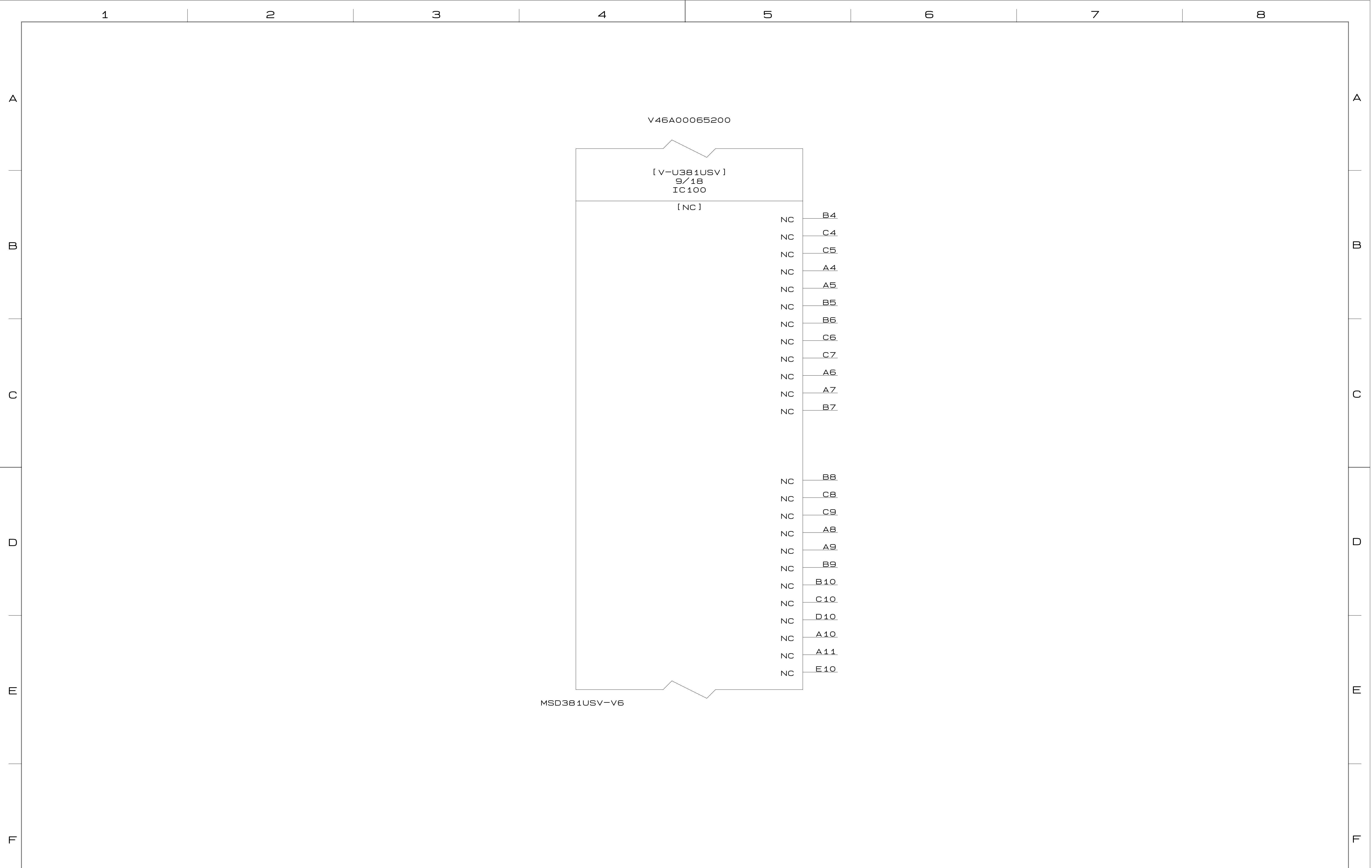


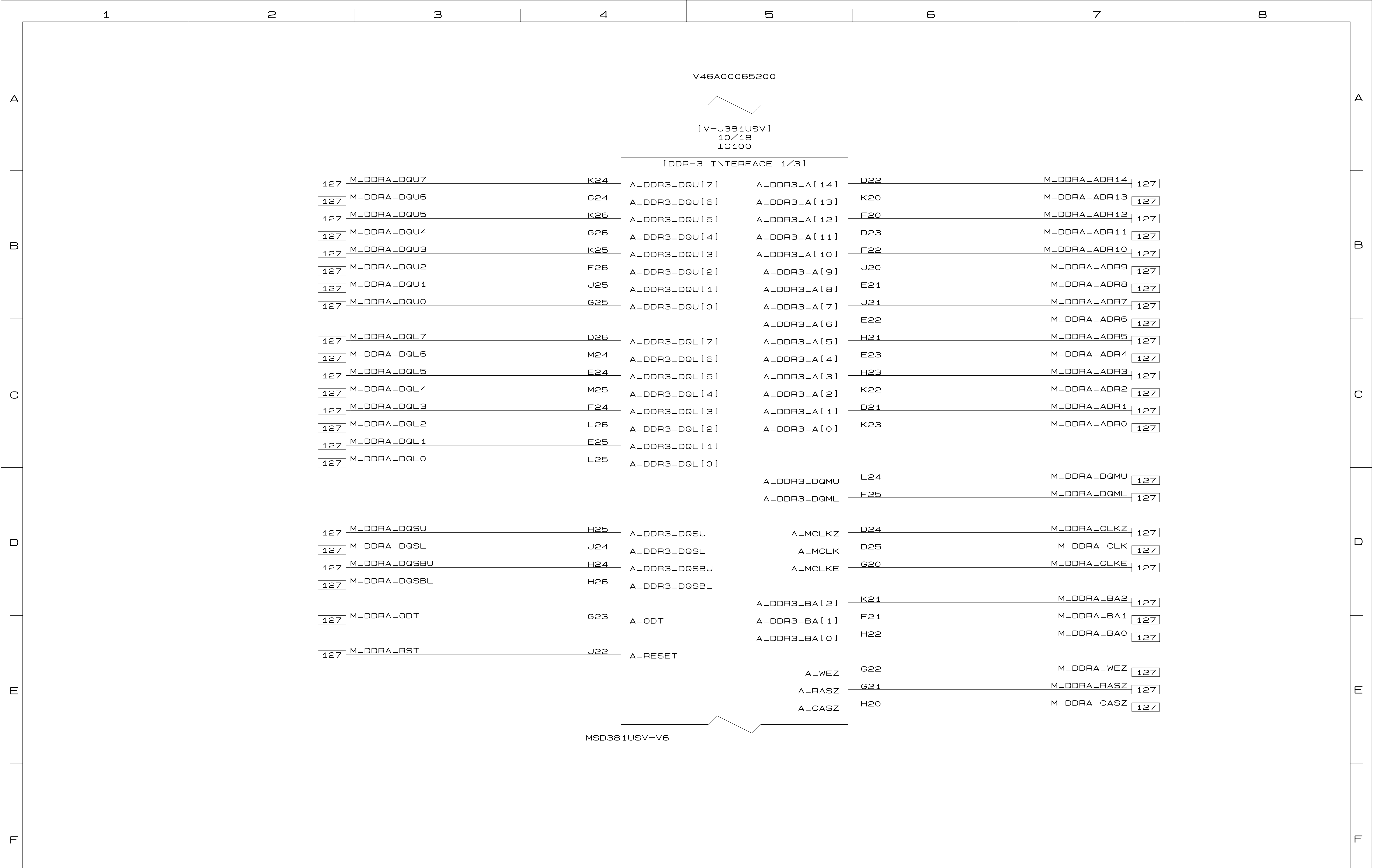


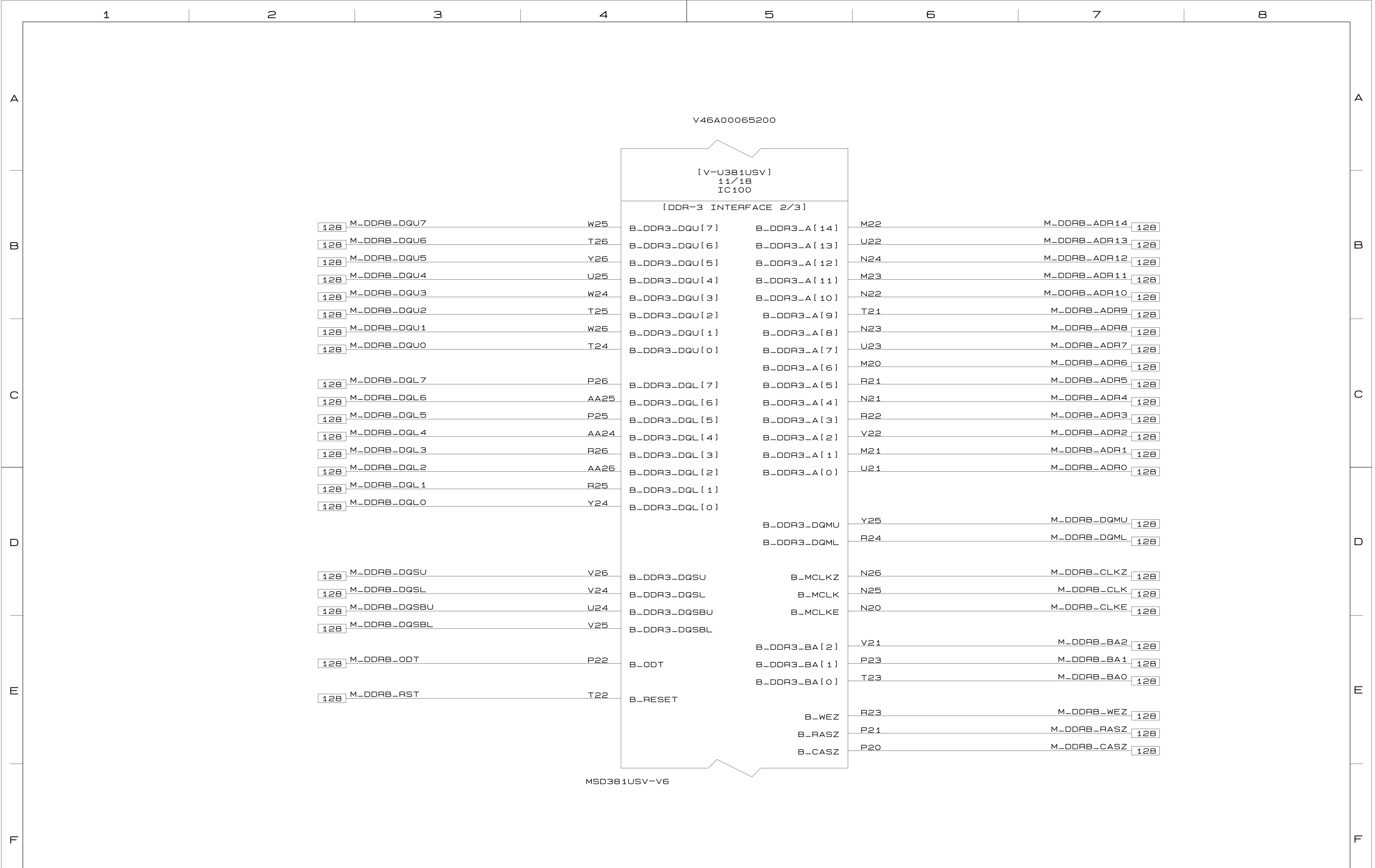


DESIGNED BY	TITLE	FUNCTION	SH. NO.	PAGE NO.	REV. MARK	DRAWING. NO.
OSANAI	MAIN UNIT	Mstar (HDMI 2/2)	107	8	CS1	PE1070

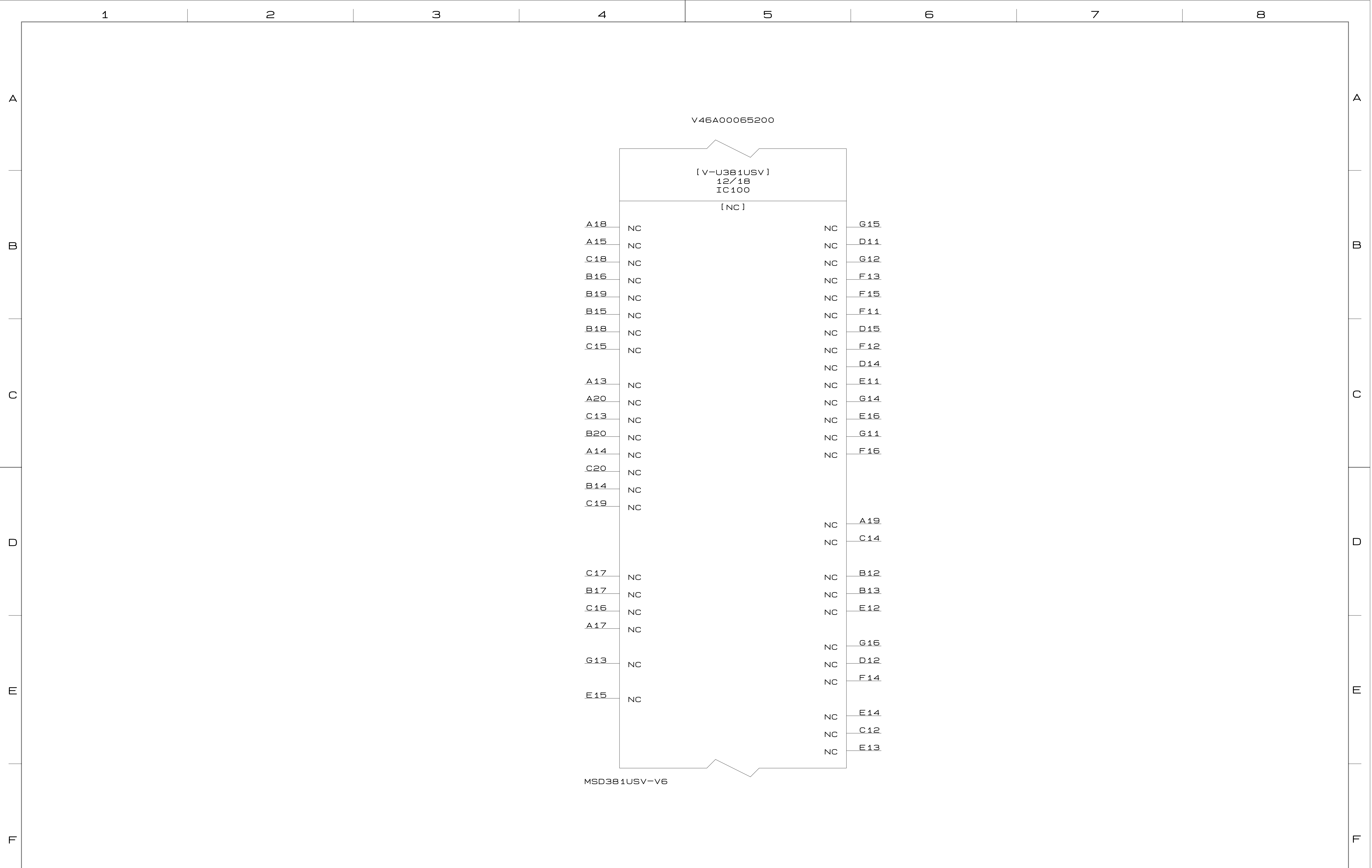






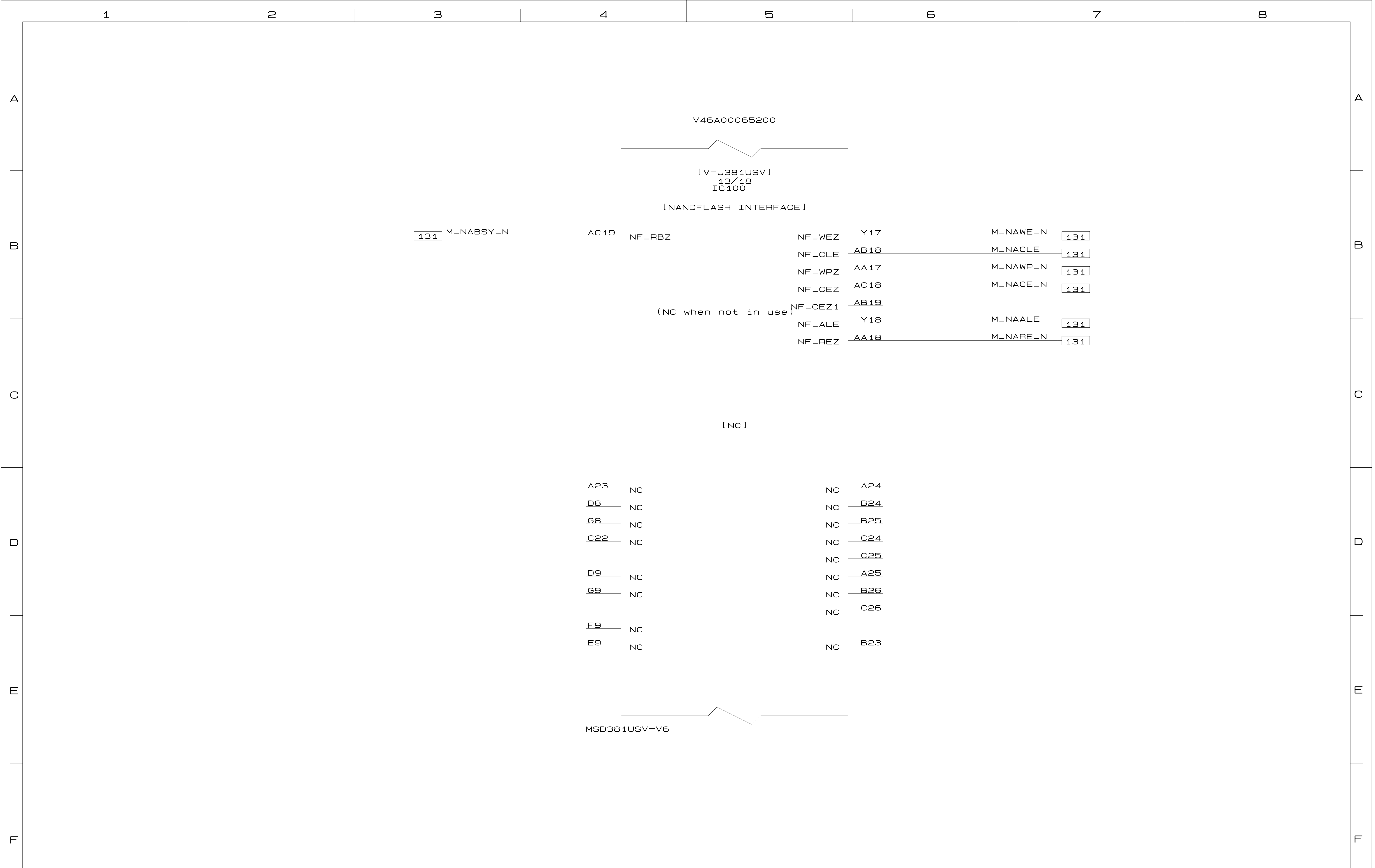




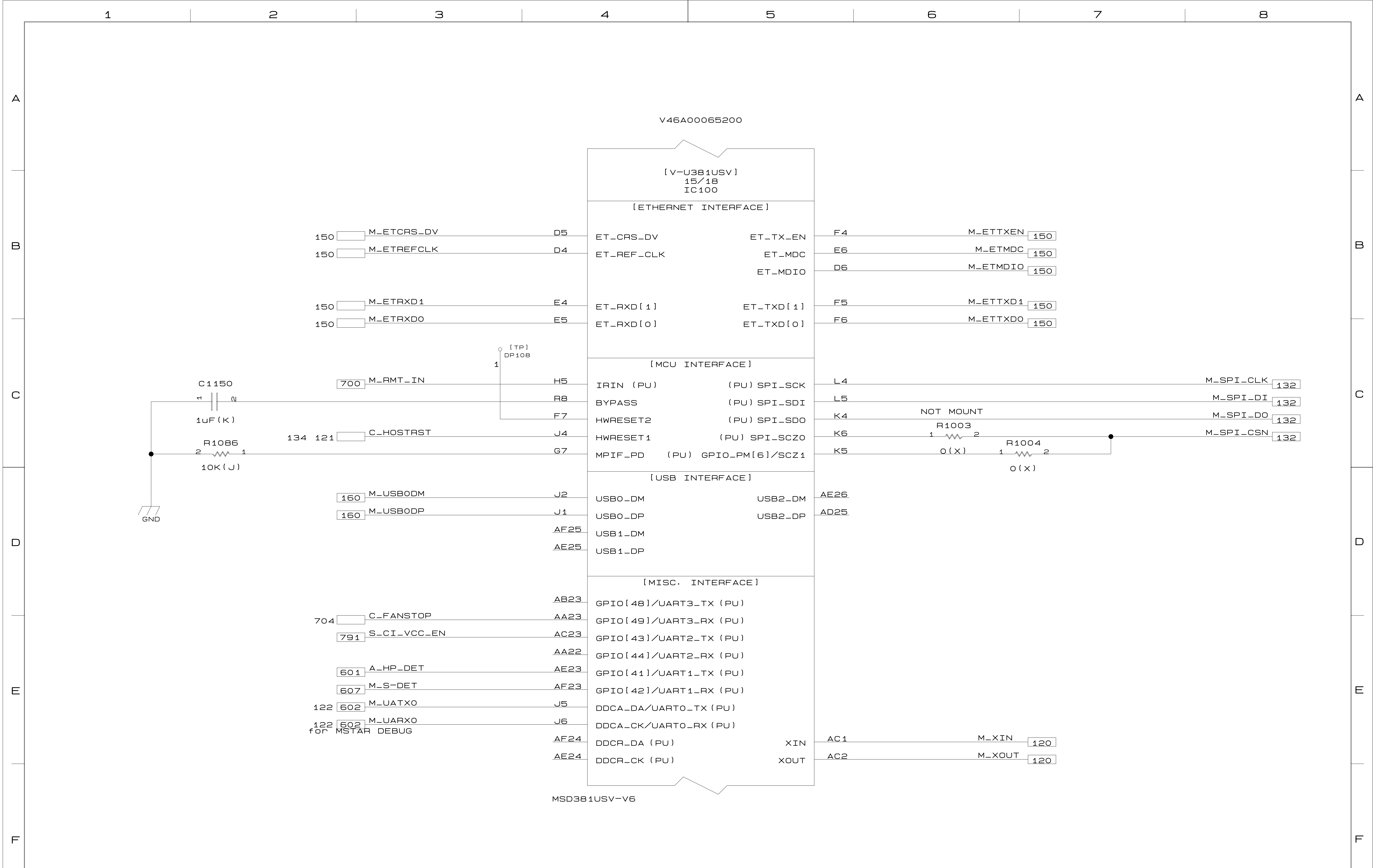


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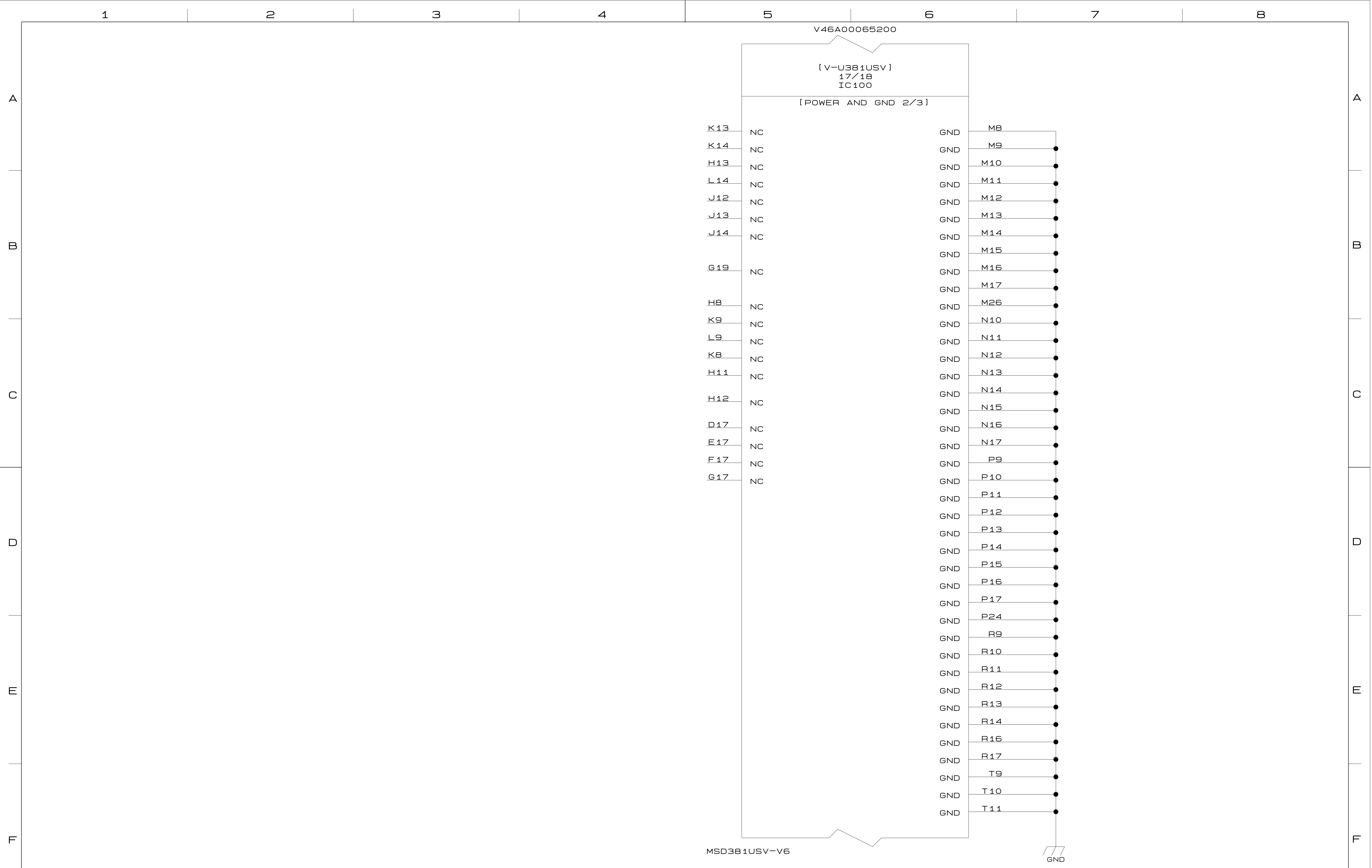
DESIGNED BY	TITLE	FUNCTION	SH. NO.	PAGE NO.	REV. MARK	DRAWING. NO.
OSANAI	MAIN UNIT	MStar (DDR C)	112	13	CS1	PE1070

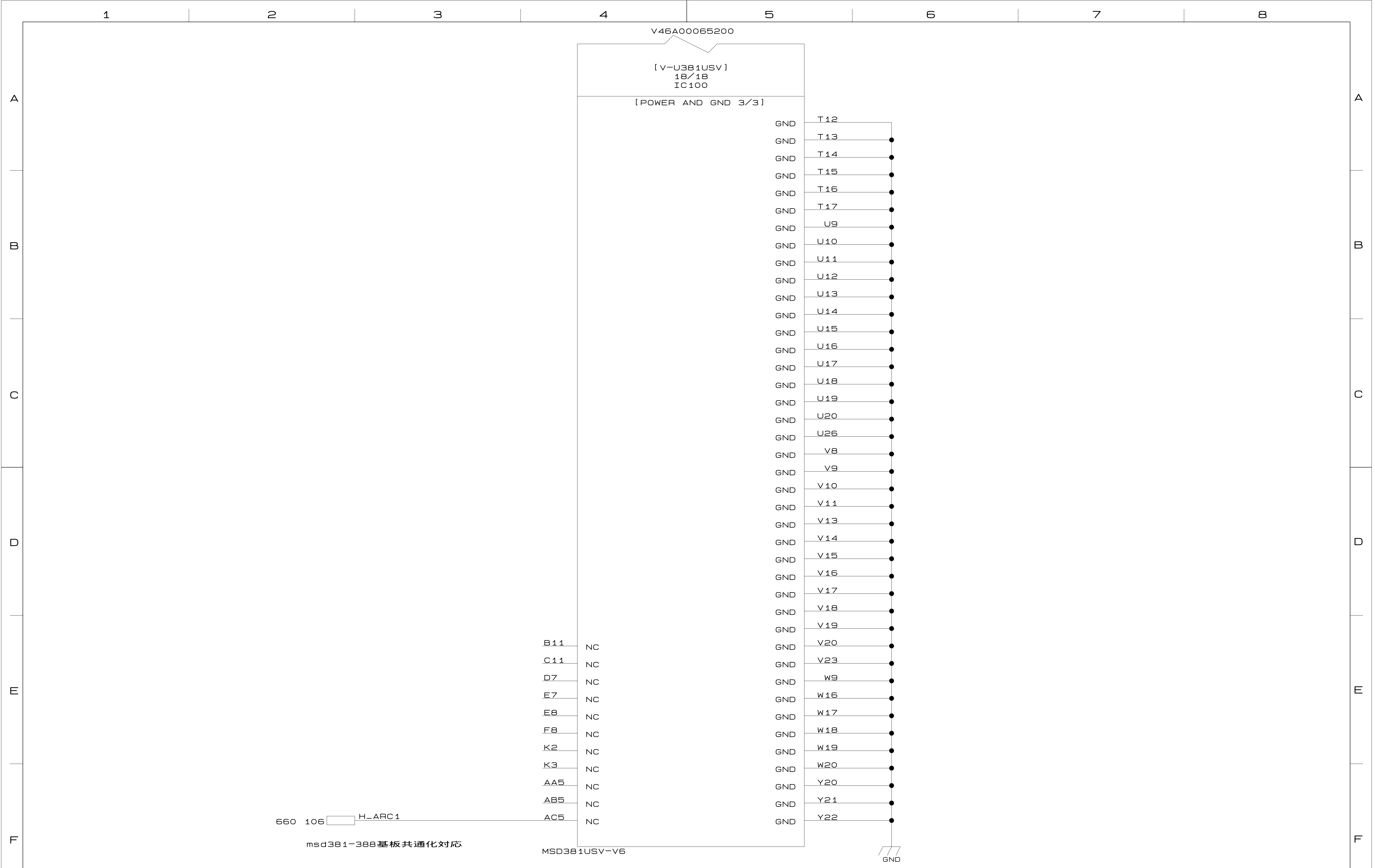




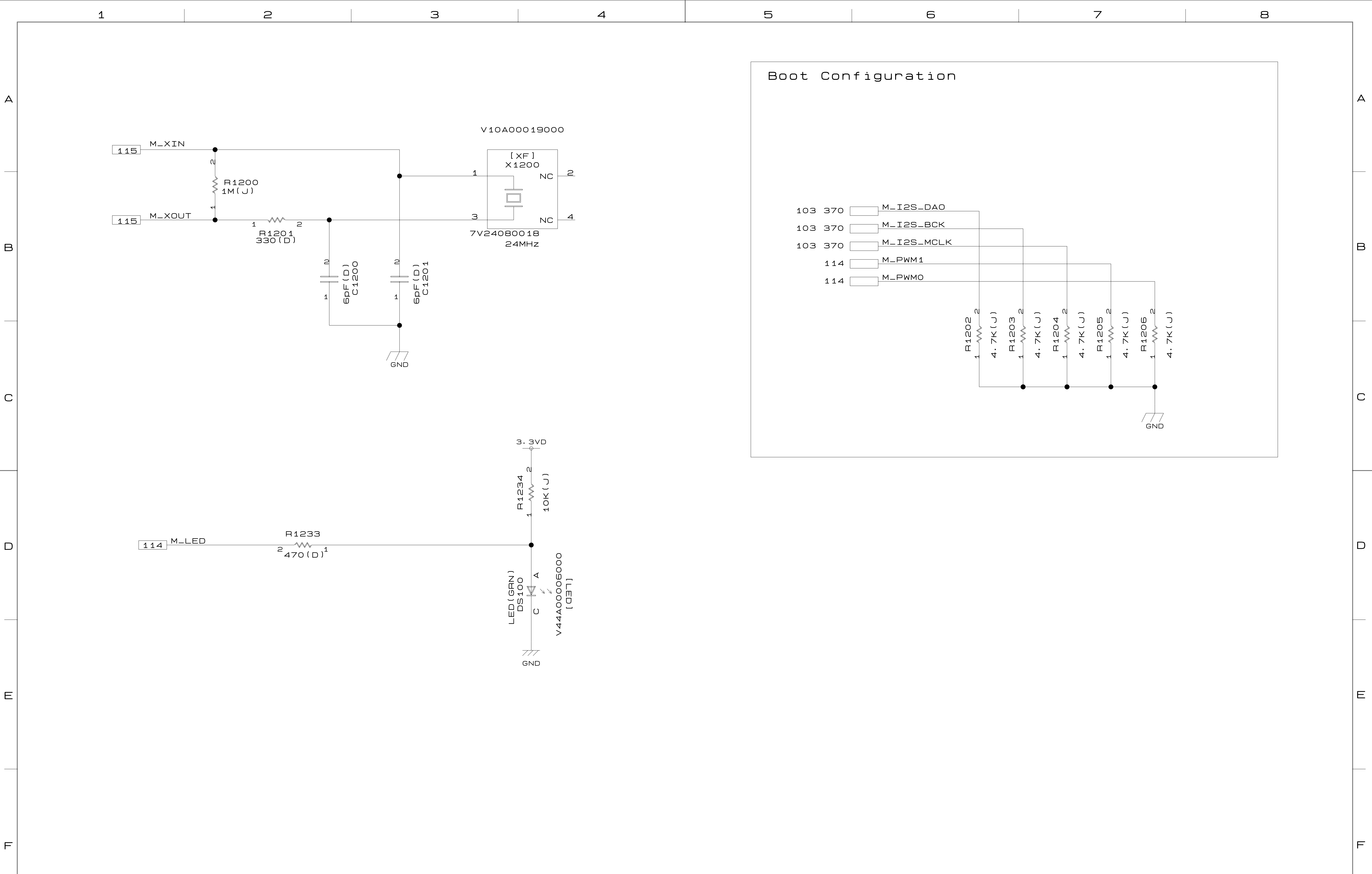




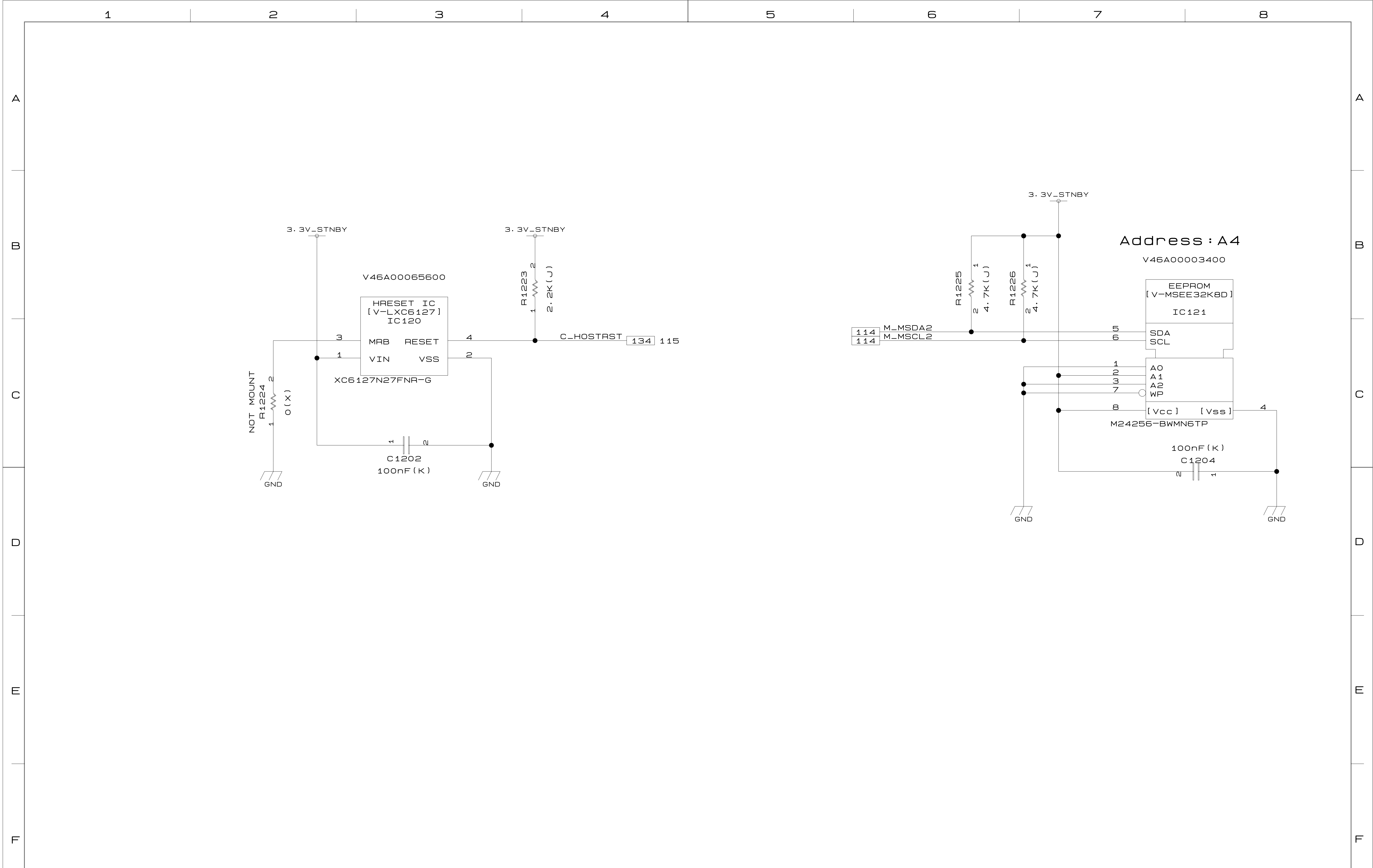


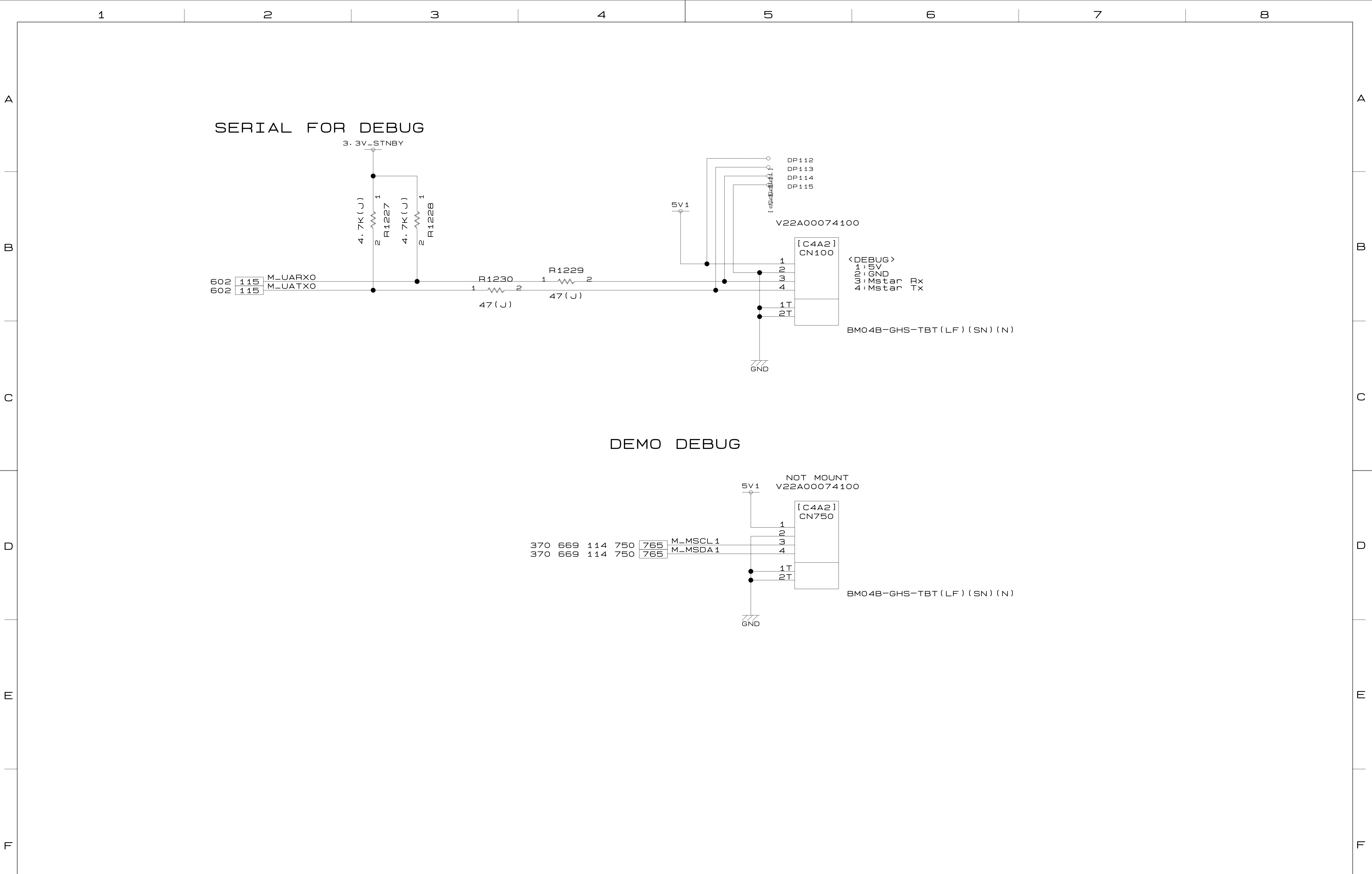


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2012.01.11 09:44		TOSHIBA CORPORATION				





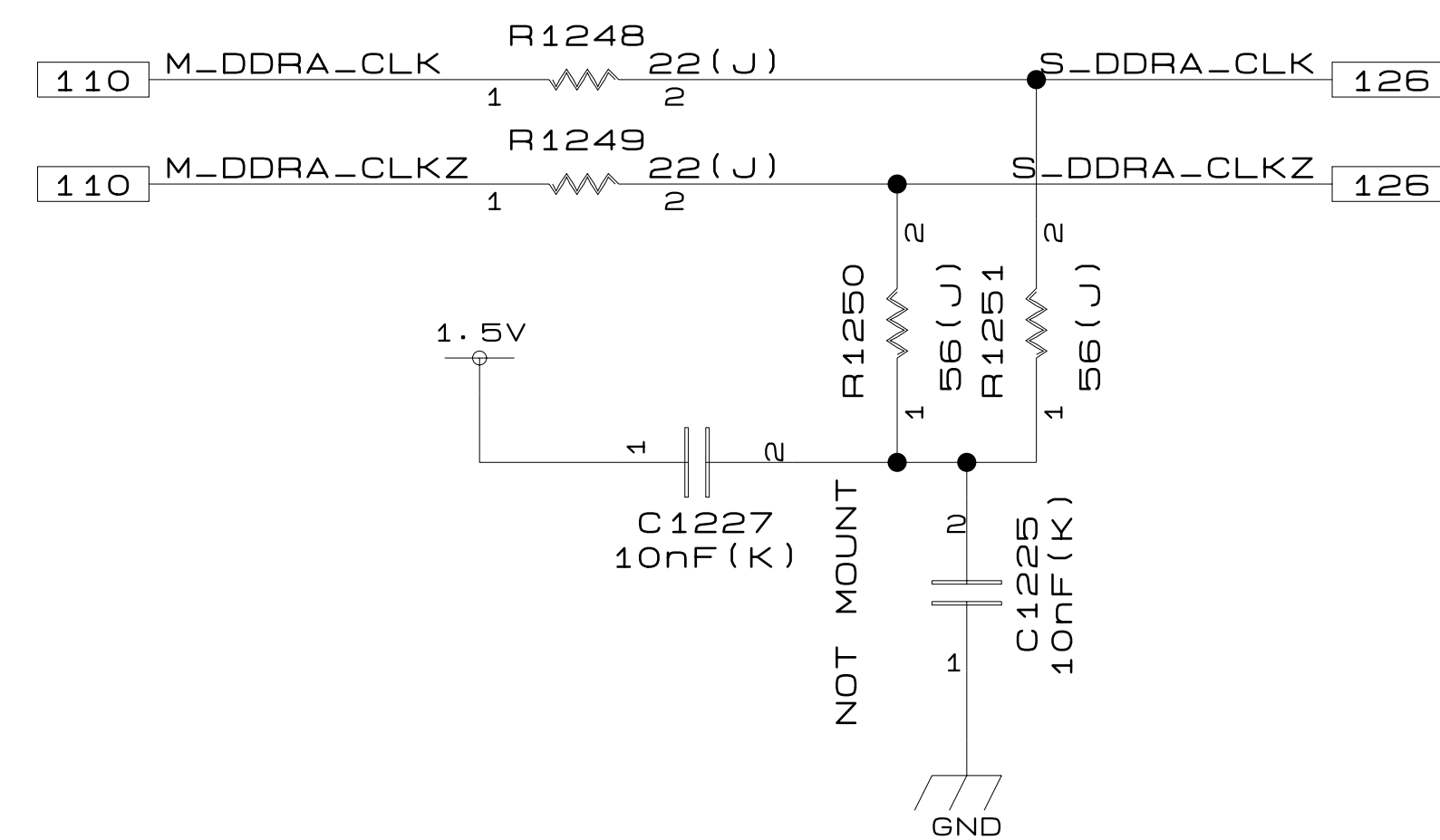
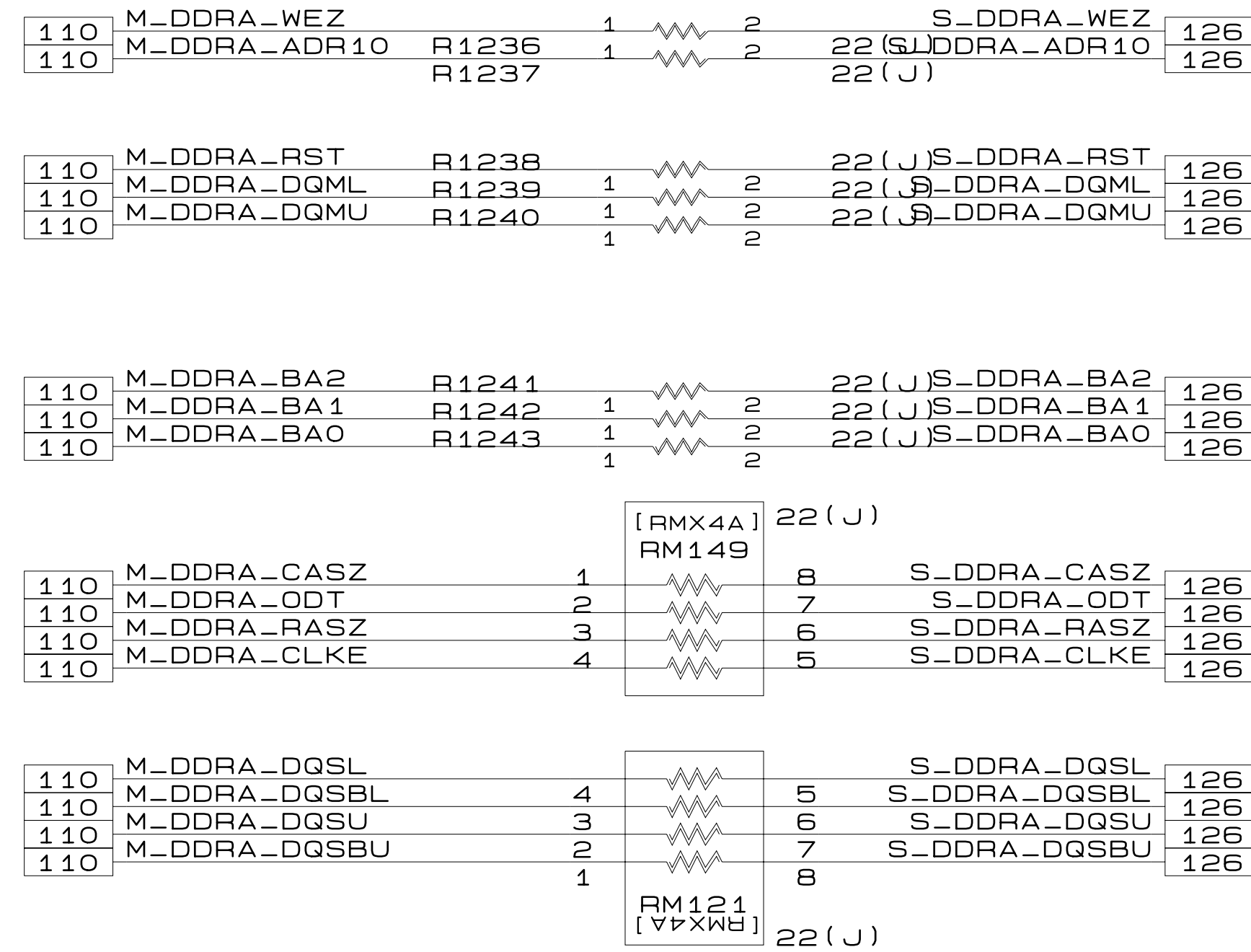






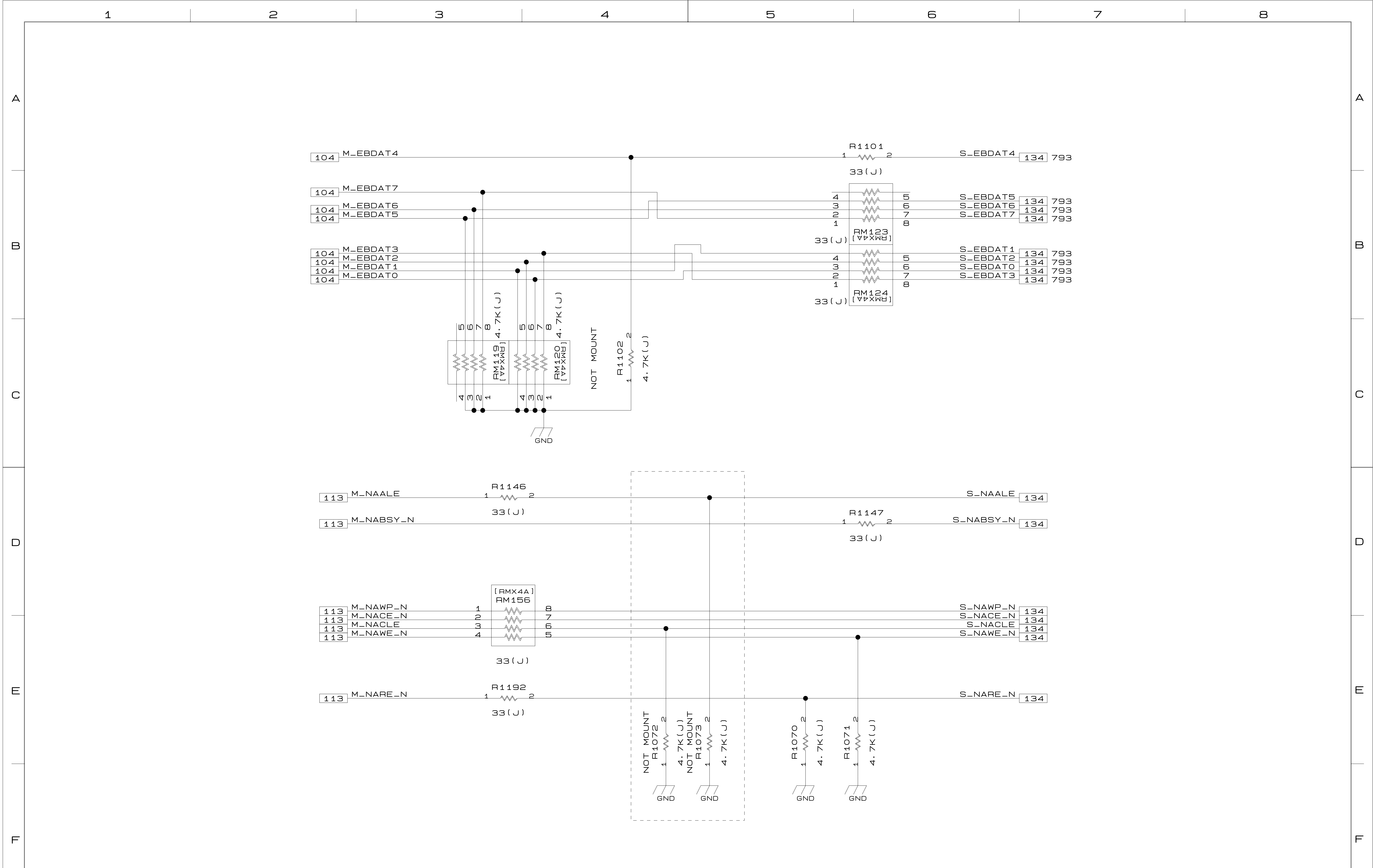
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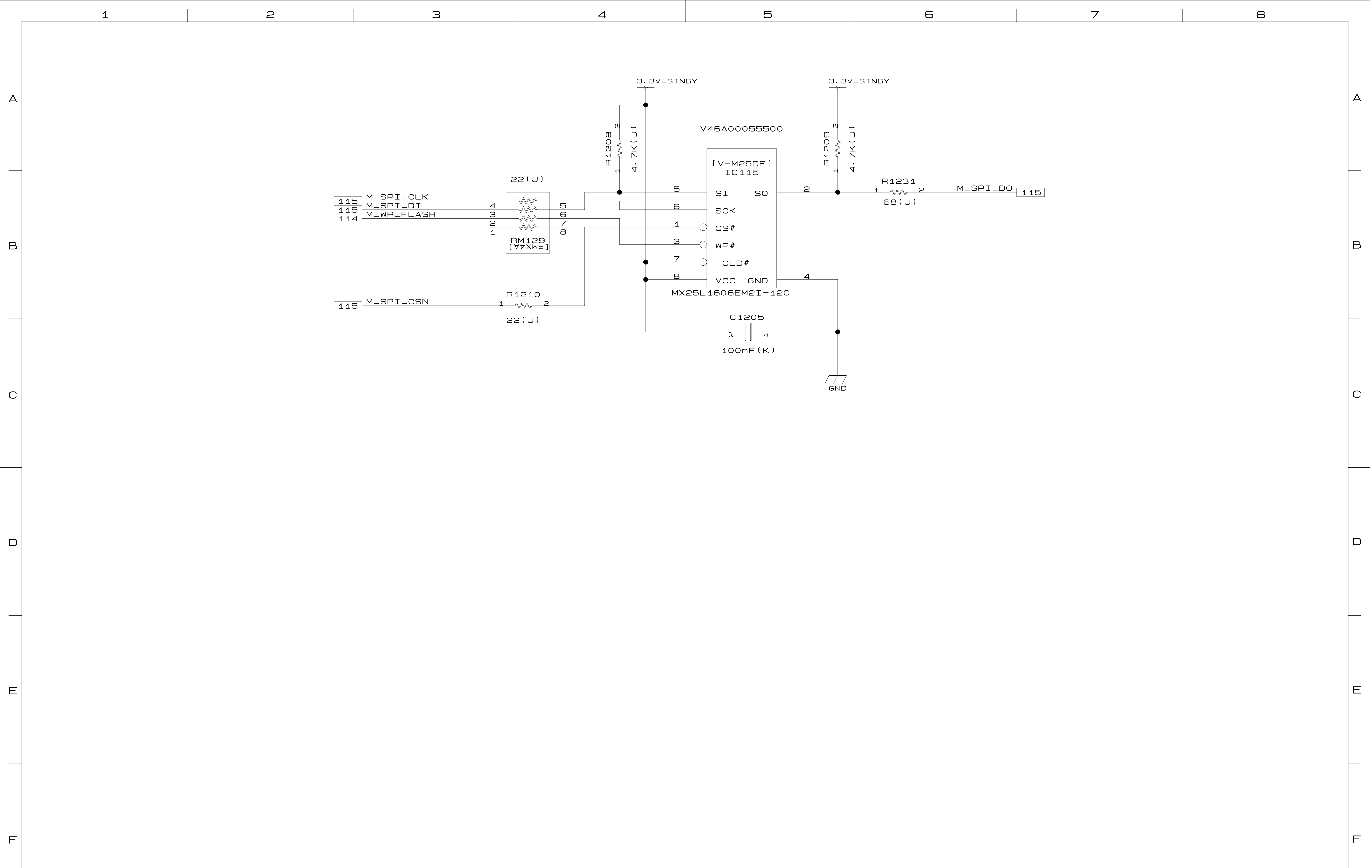
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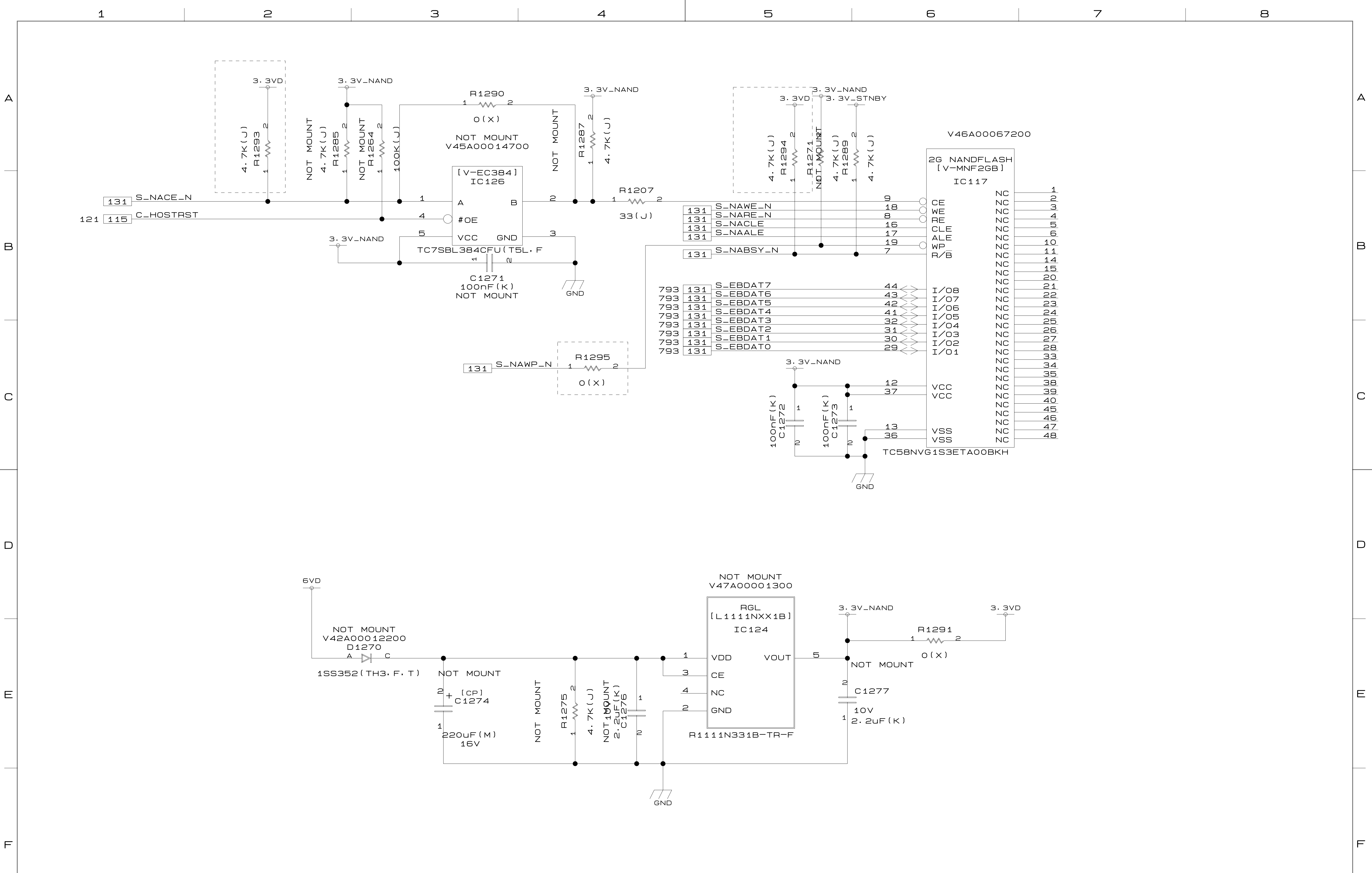
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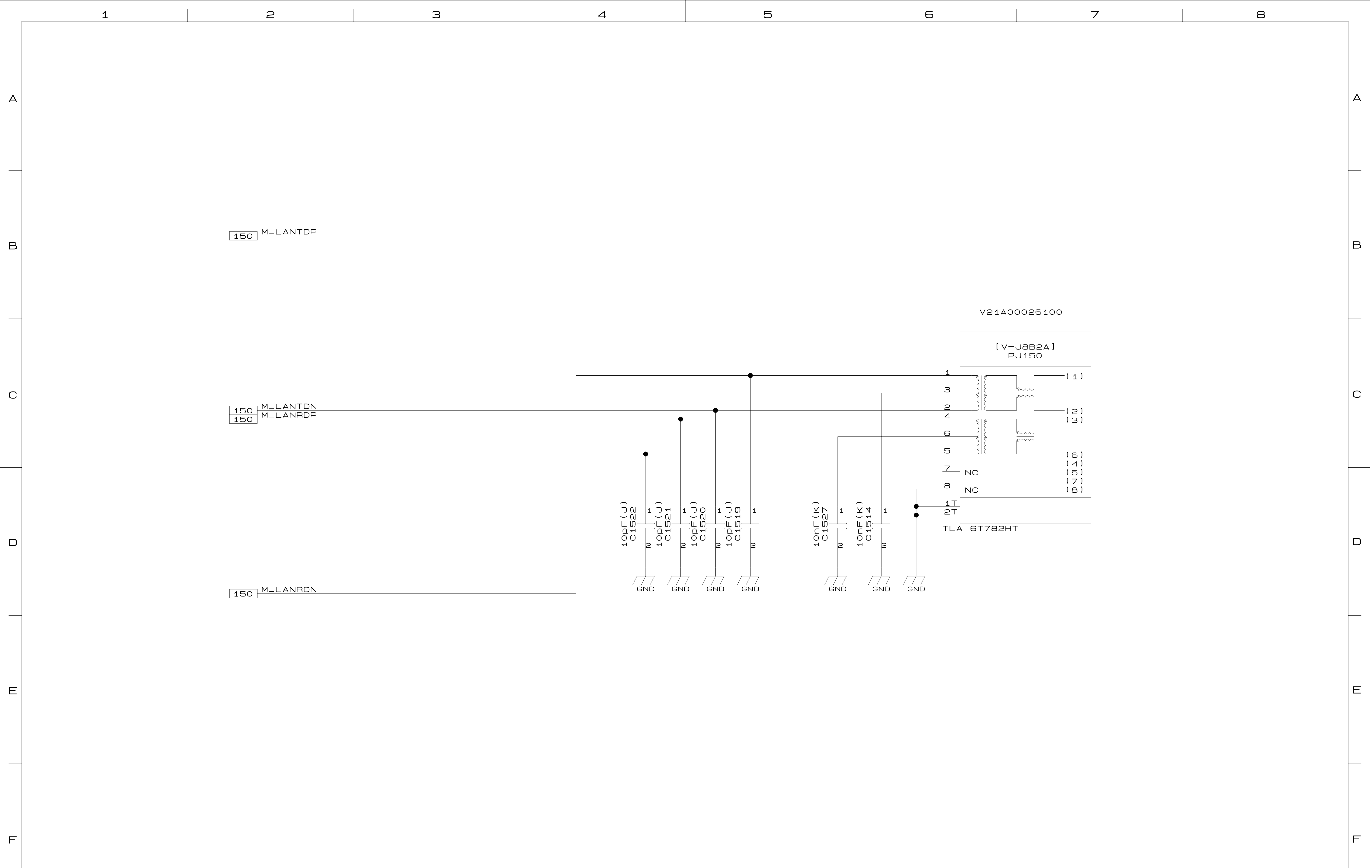
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OSANAI	MAIN UNIT	SPI FLASH	132	27	CS1	PE1070



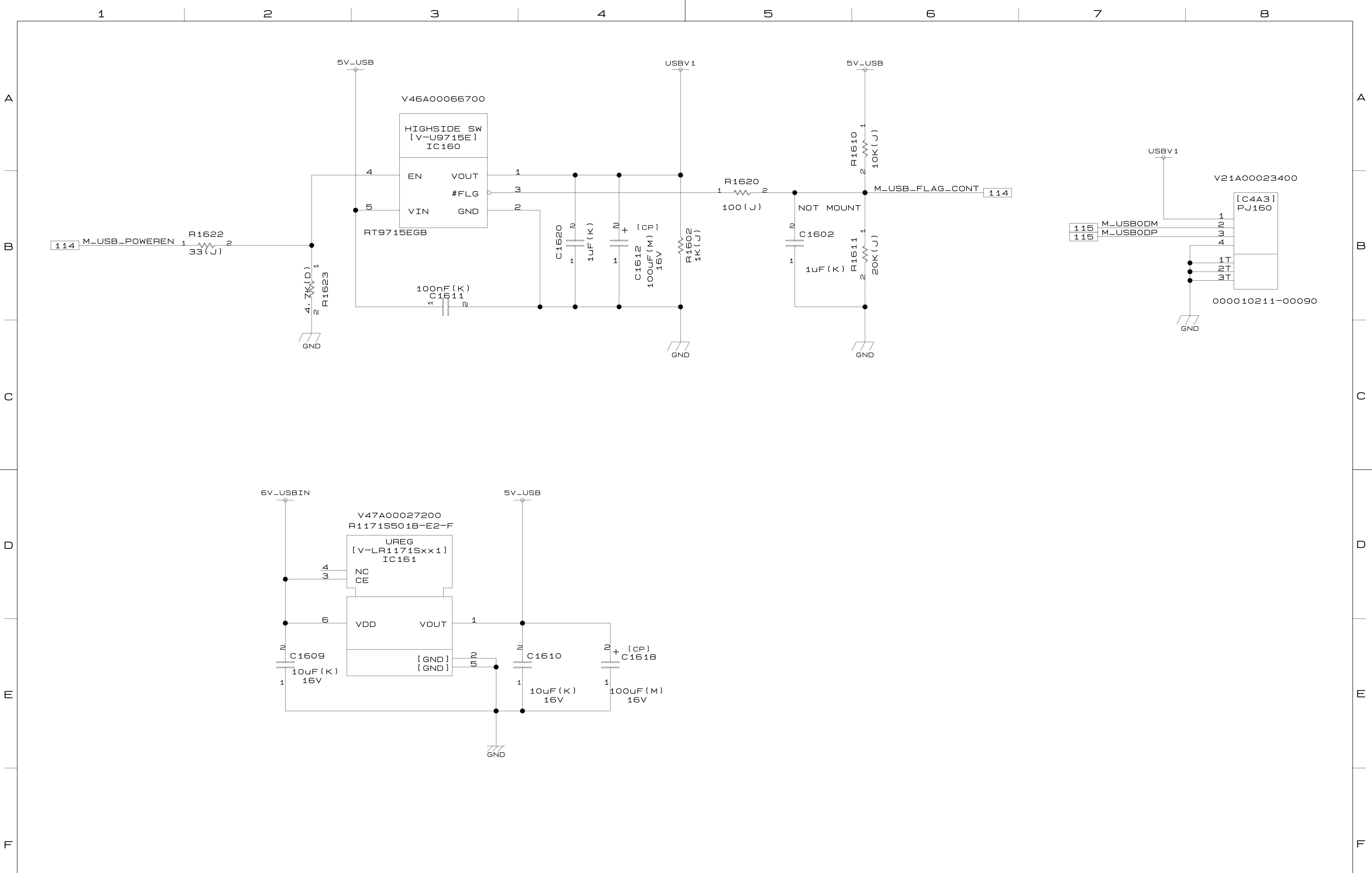
DESIGNED BY	2012/01/05	TITLE	FUNCTION	SH. NO.	PAGE NO.	REV. MARK	DRAWING. NO.
OSANAI		MAIN UNIT	NAND FLASH	134	28	CS1	PE1070





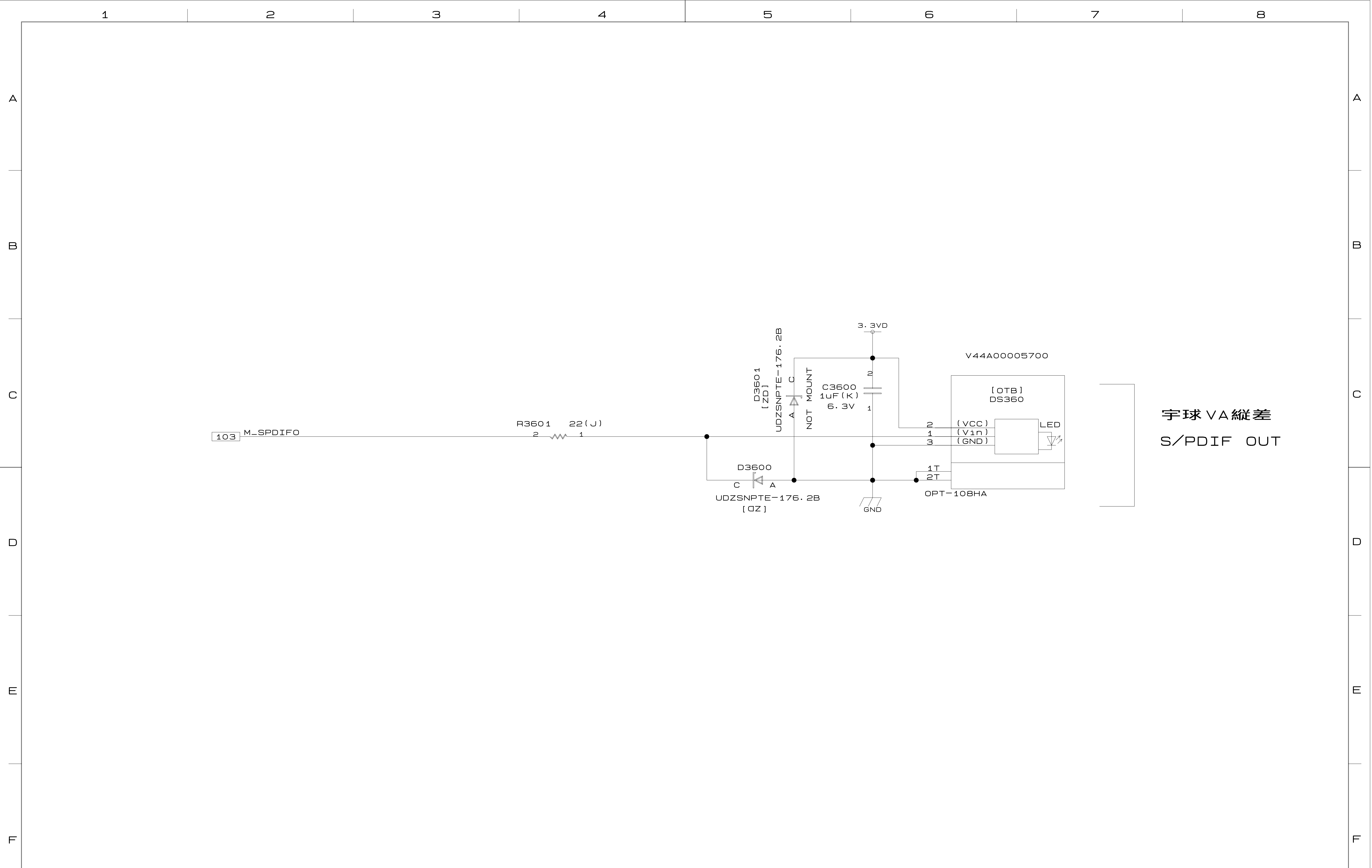


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KOJIMA	MAIN UNIT	RJ45 CONNECTOR	151	30	CS1	PE1070

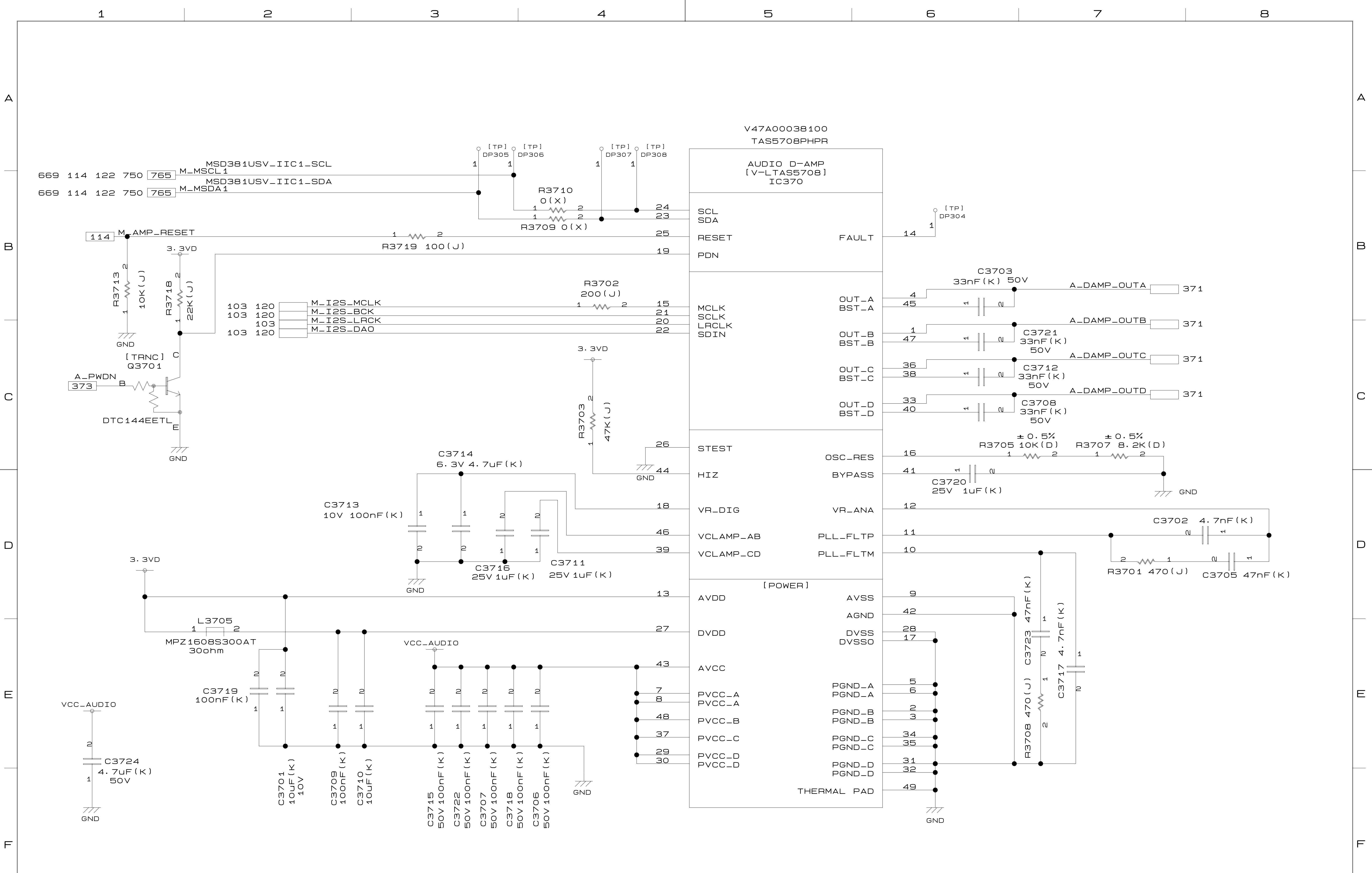




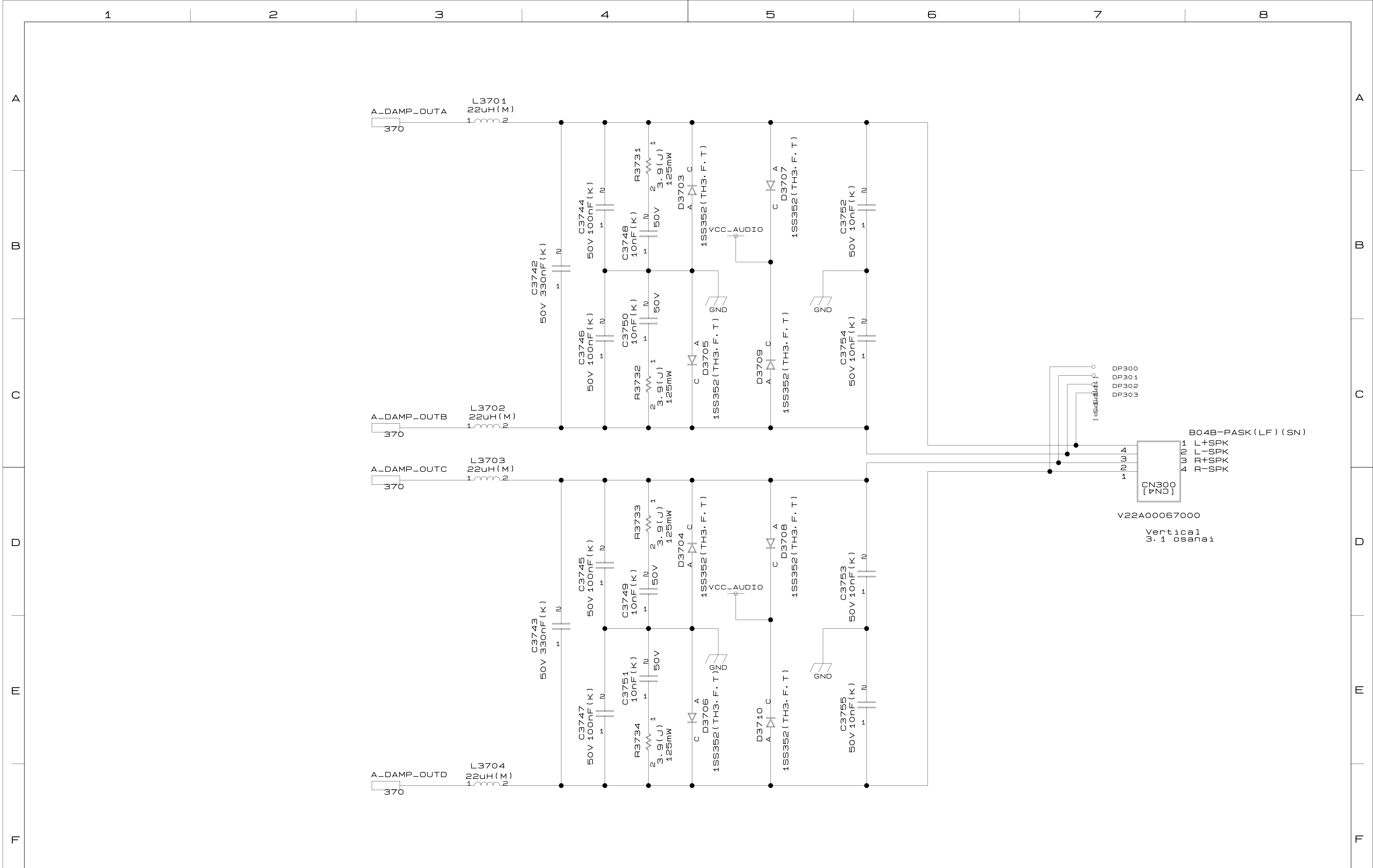




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2012.01.11 09:44	TOSHIBA CORPORATION					

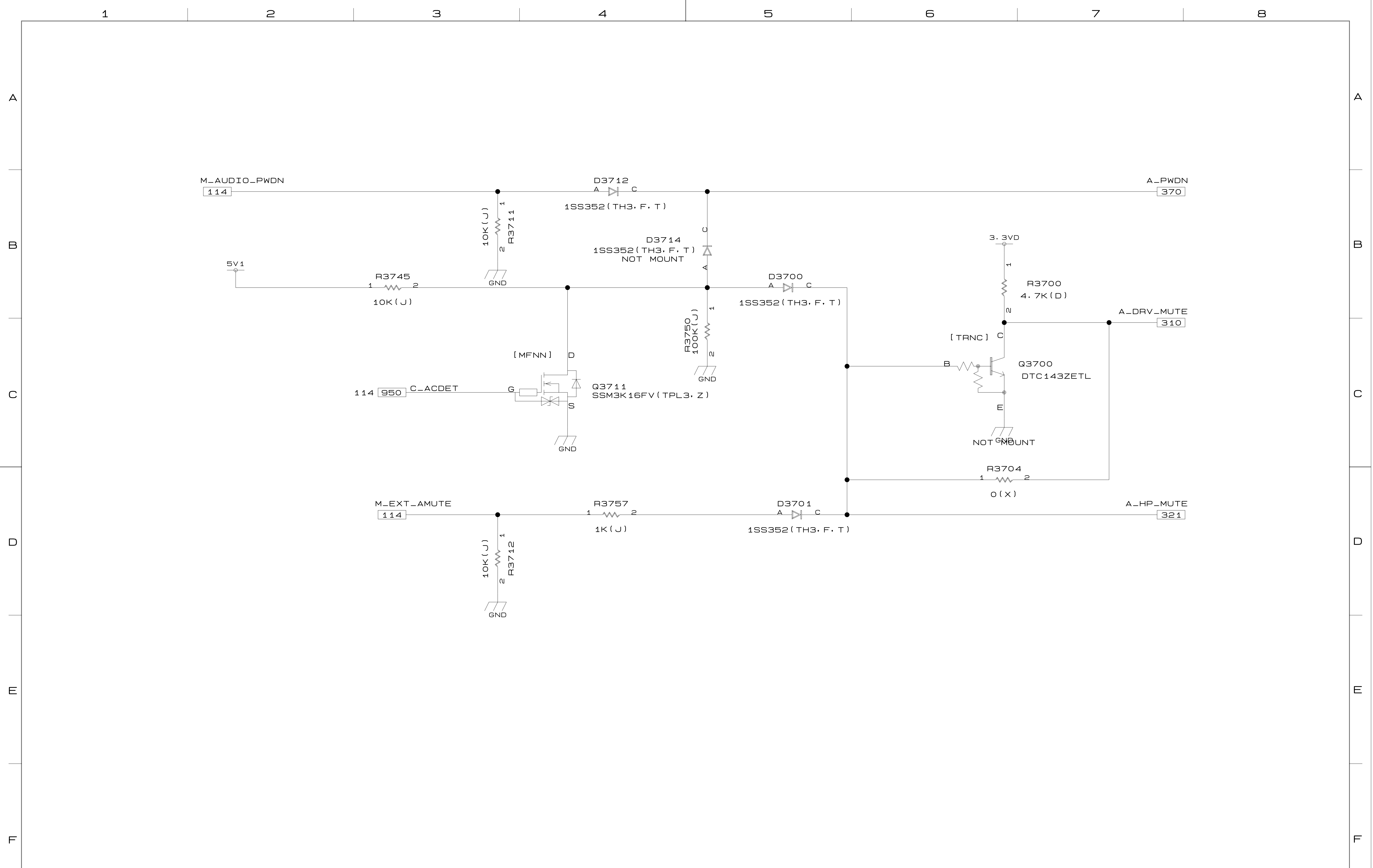


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ENDO	MAIN UNIT	AUDIO D-AMP (MAIN)	370	35	CS1	PE1070



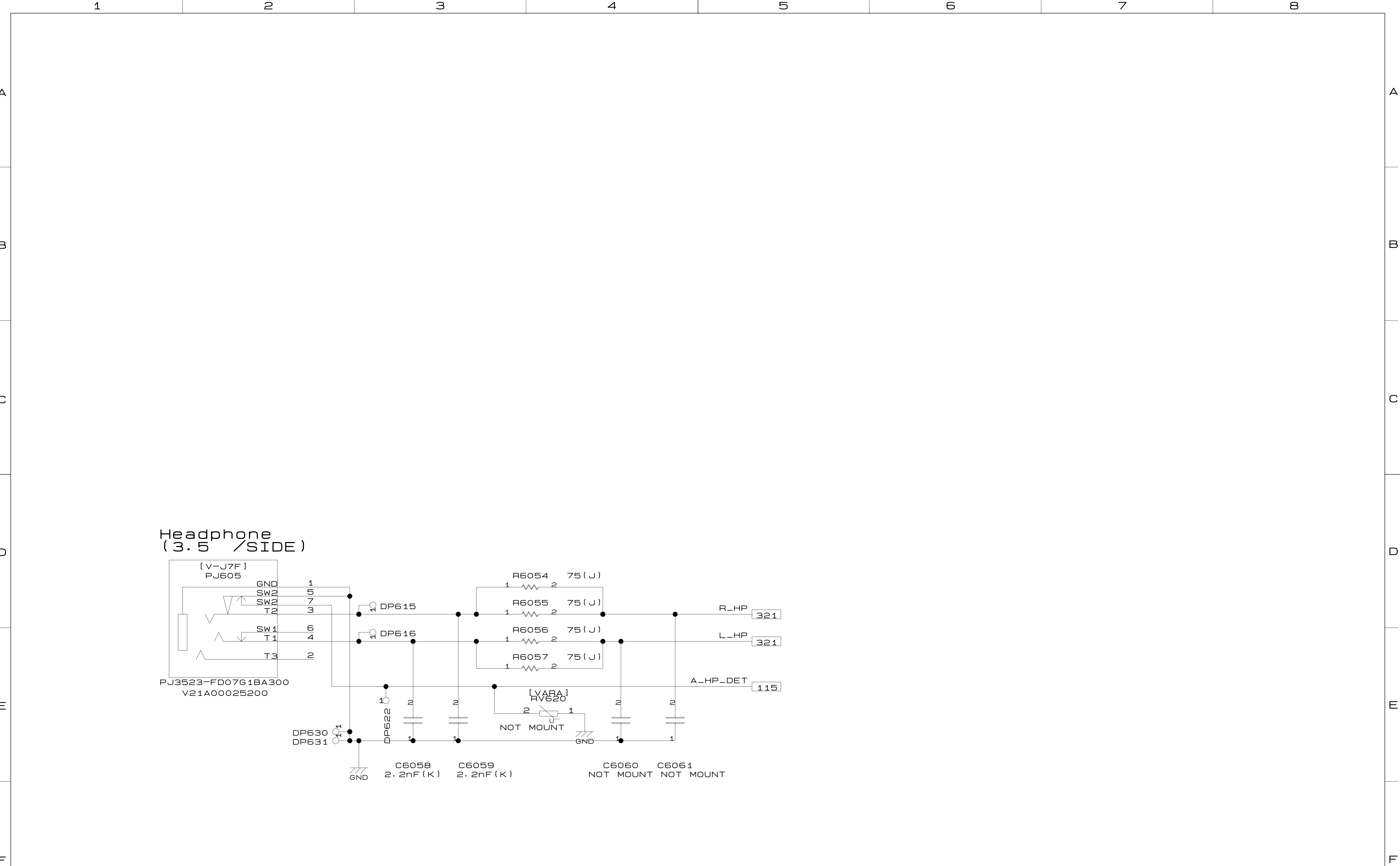
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2012.01.11 09:44			TOSHIBA CORPORATION			



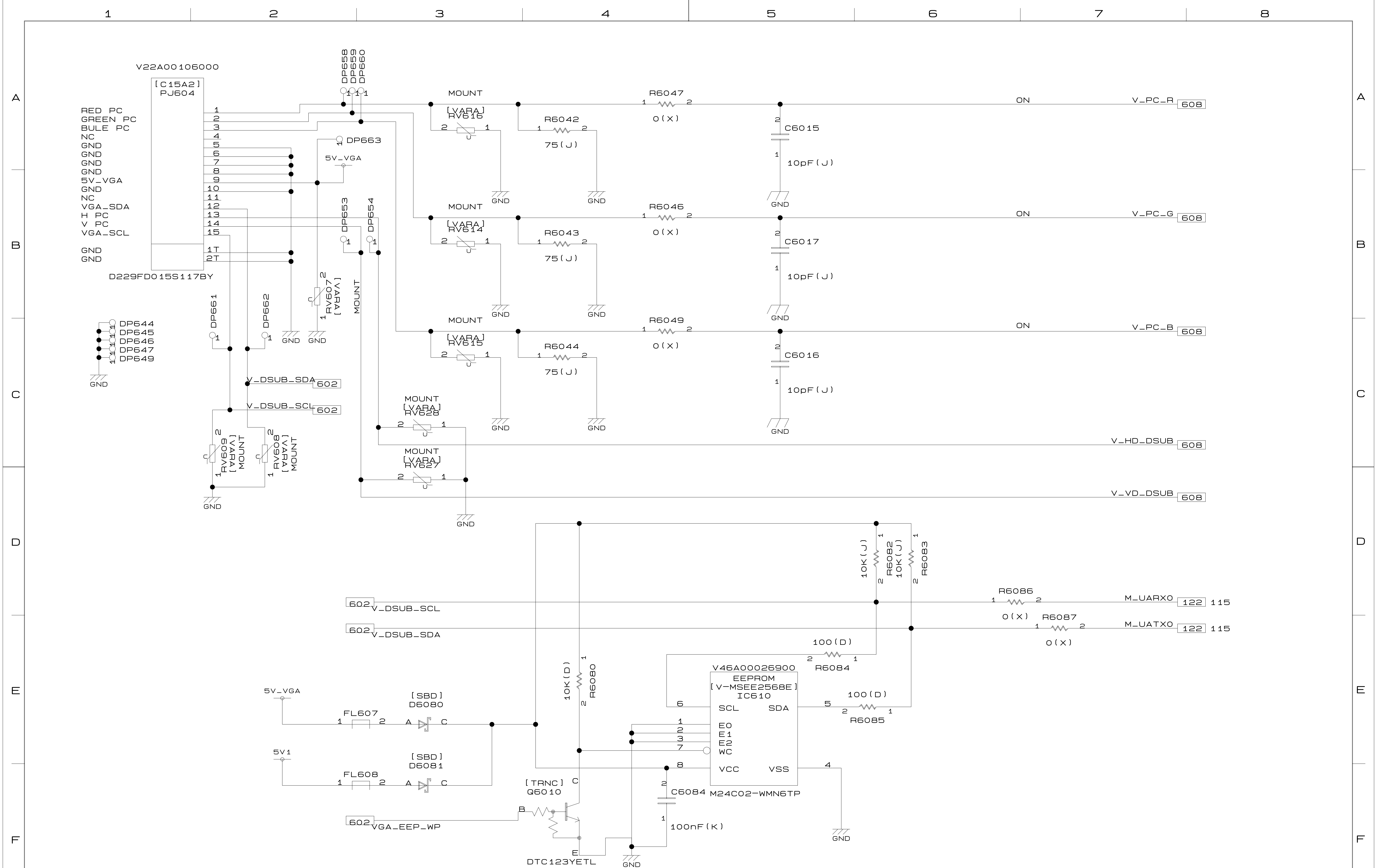


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2012.01.11 09:44			TOSHIBA CORPORATION			

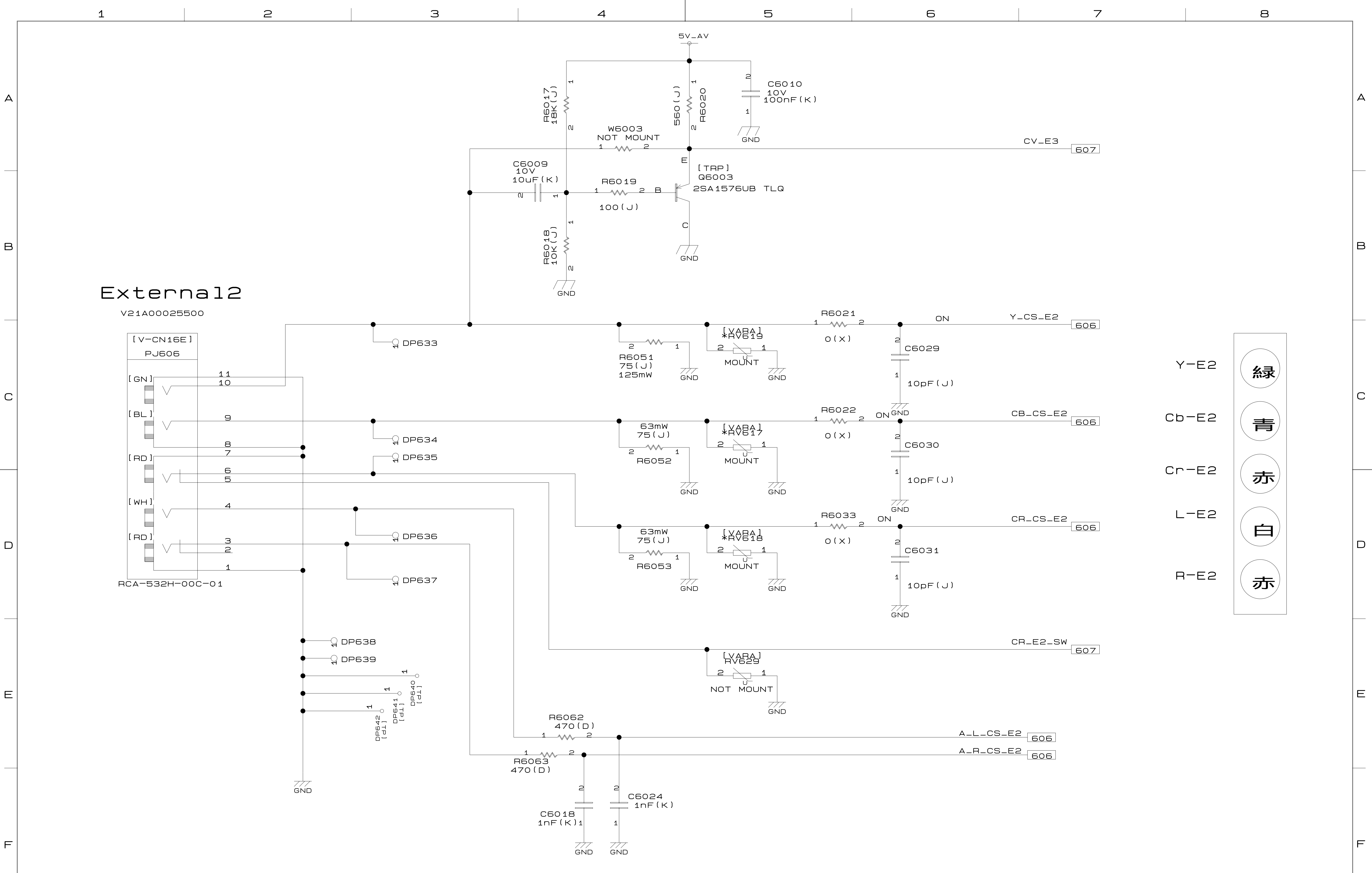




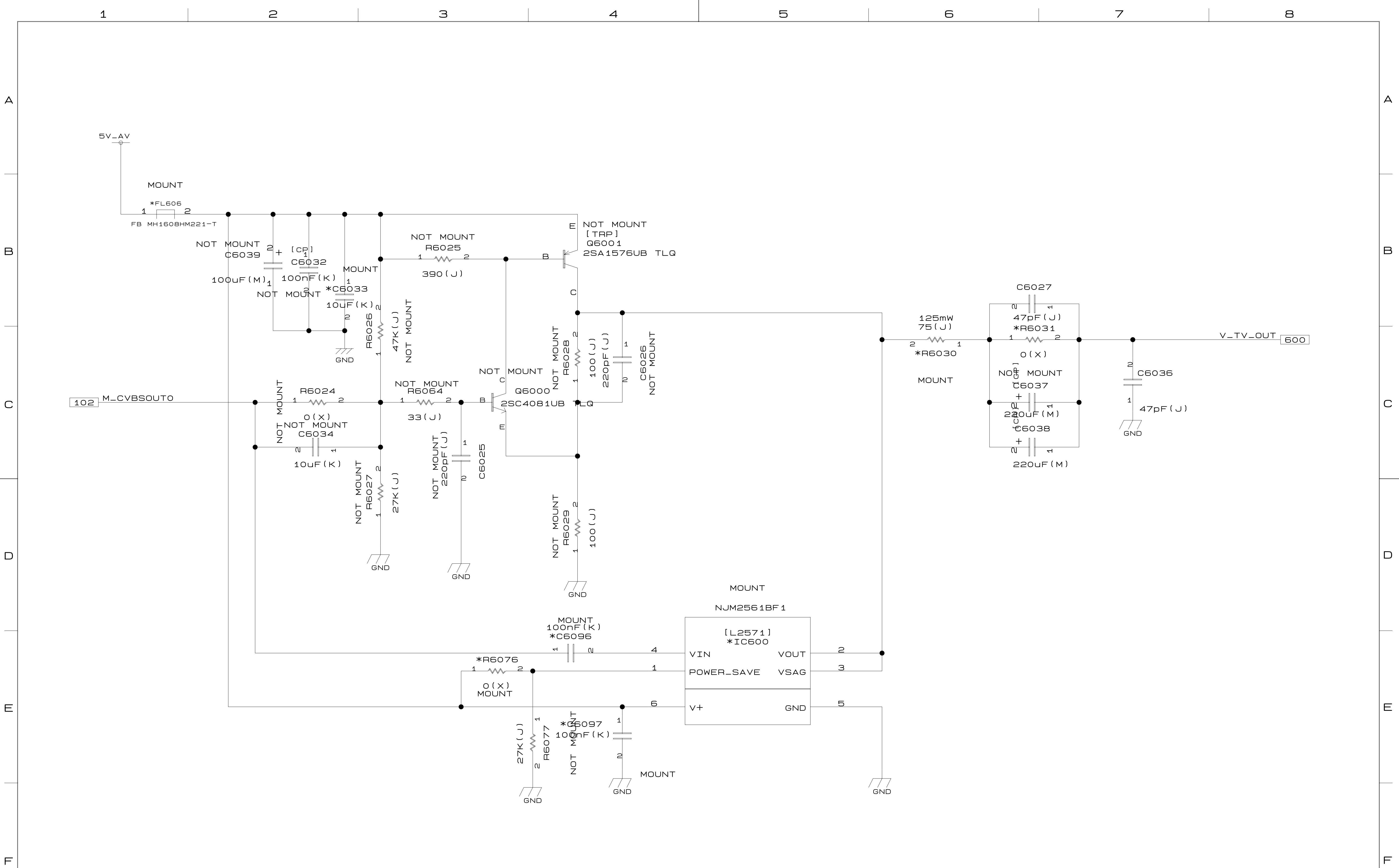
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2012.01.11 09:44	TOSHIBA CORPORATION					

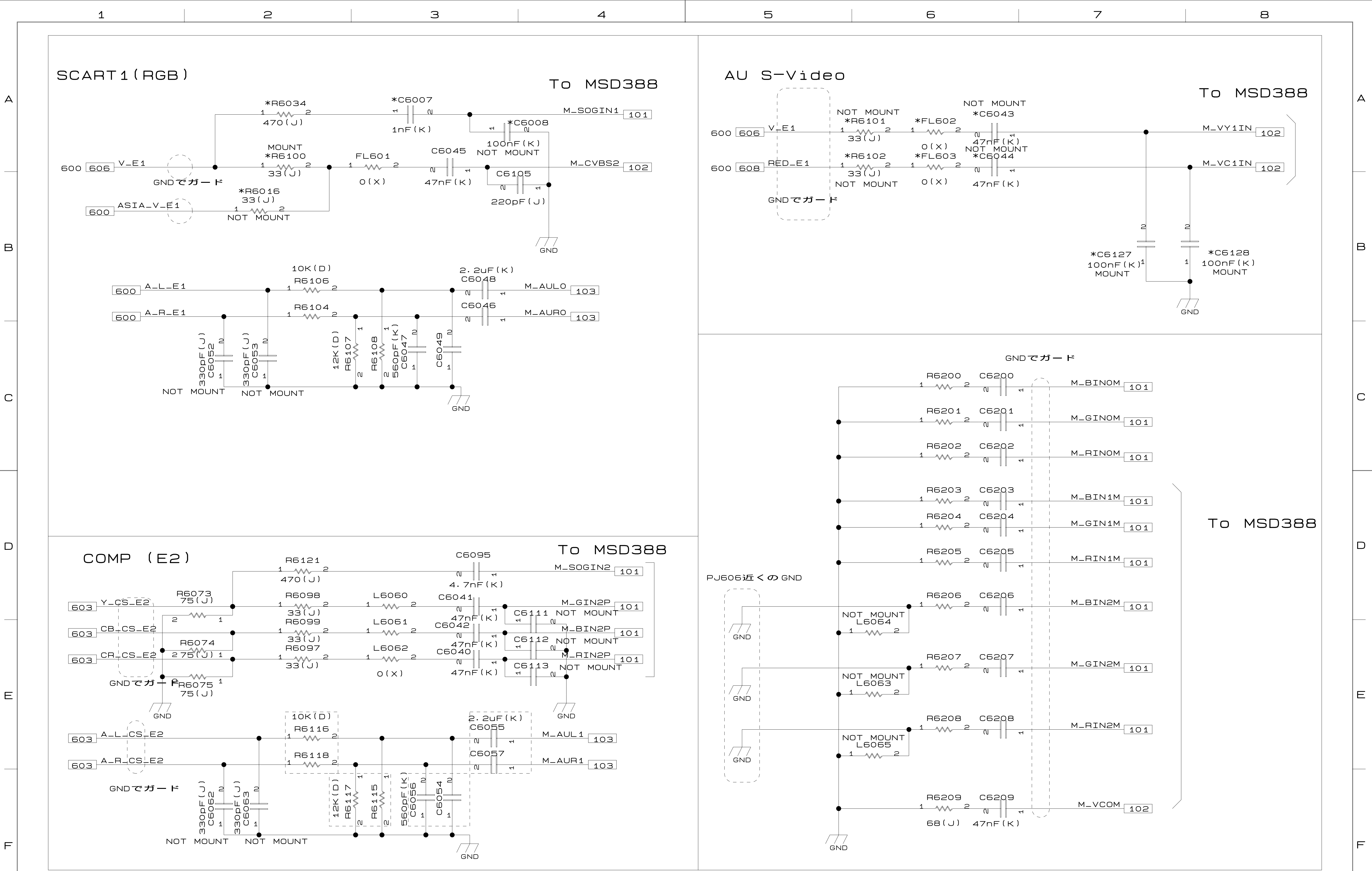


DESIGNED BY SHIBATA/Horikoshi	TITLE MAIN UNIT	FUNCTION DSUB PC IN	SH. NO. 602	PAGE NO. 40	REV. MARK CS1	DRAWING. NO. PE1070
2012. 01. 11 09:44	TOSHIBA CORPORATION					

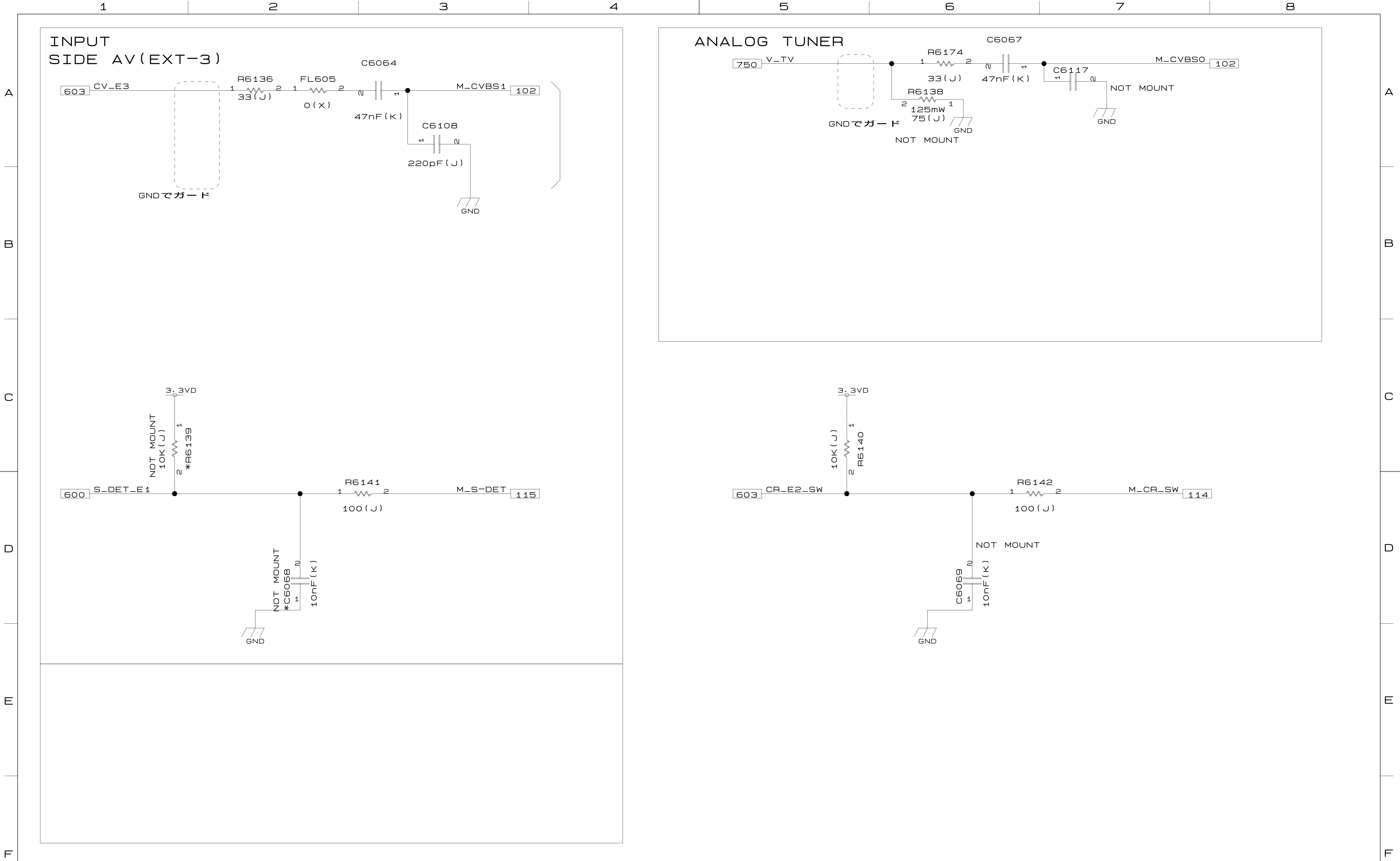


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SHIBATA/Audio	MAIN UNIT	EURO COMPONENT IN	603	41	CS1	PE1070
2012. 01. 11 09:44						TOSHIBA CORPORATION

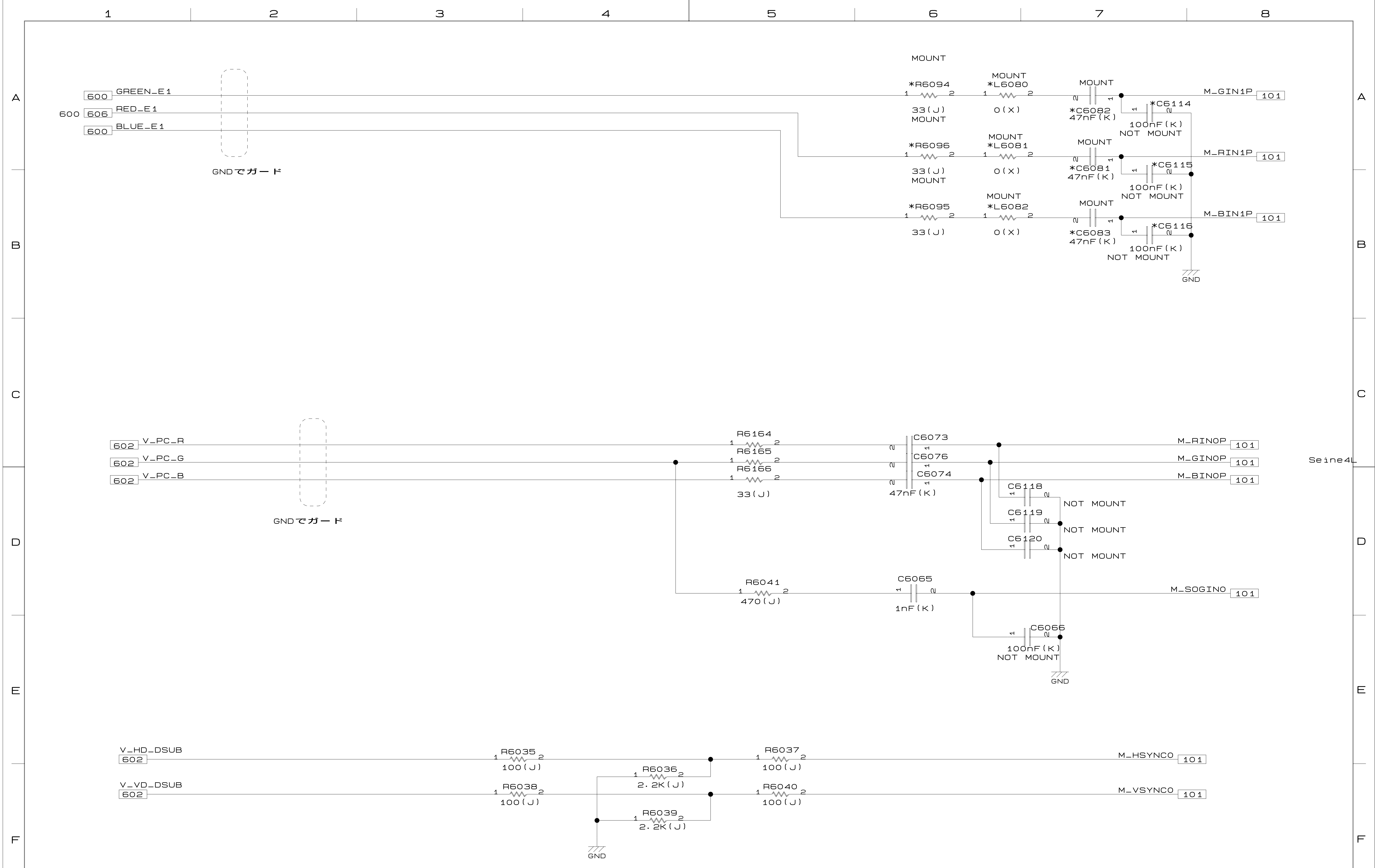




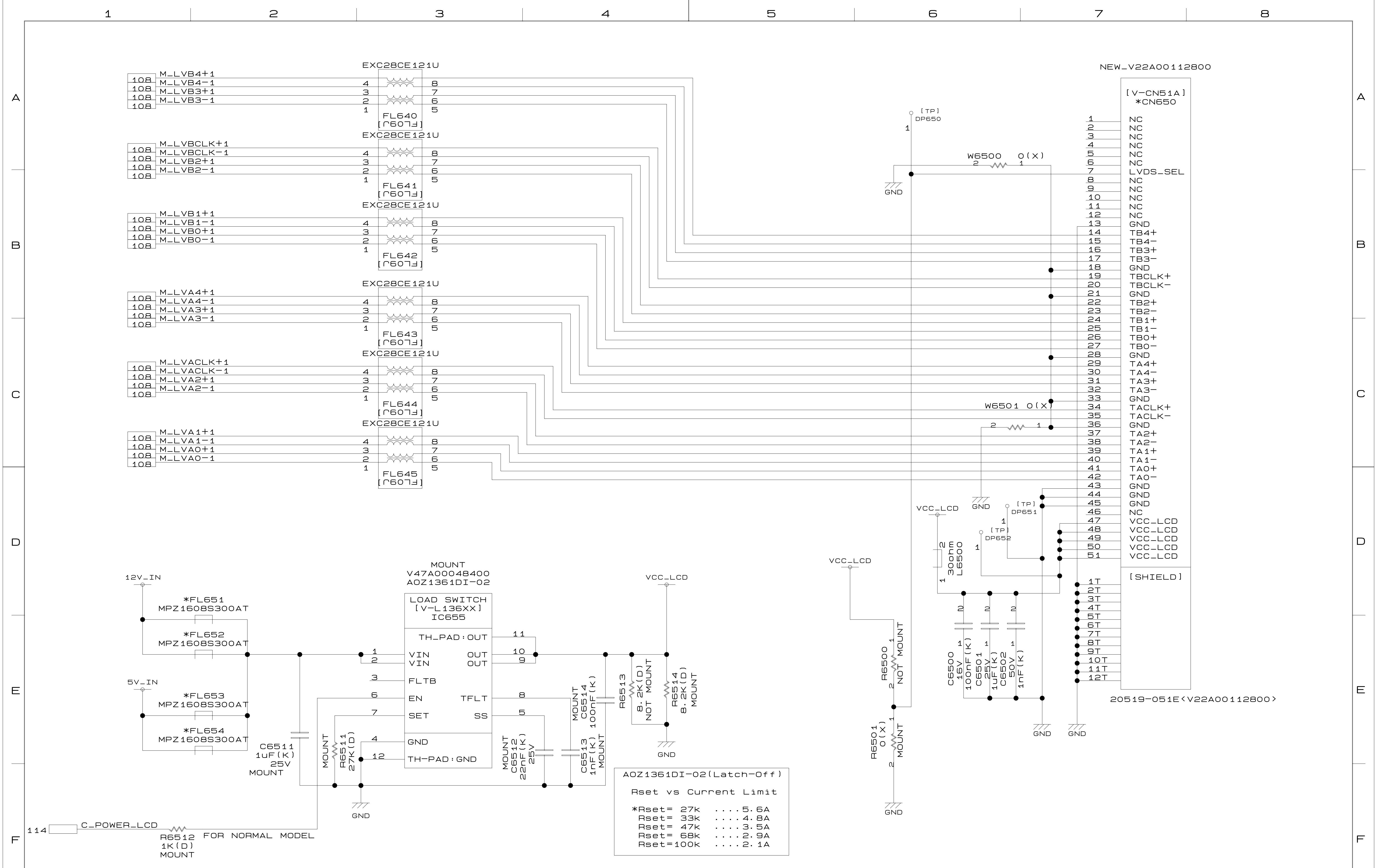
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SHIBATA/Audio	MAIN UNIT	AV INPUT1	606	43	CS1	PE1070

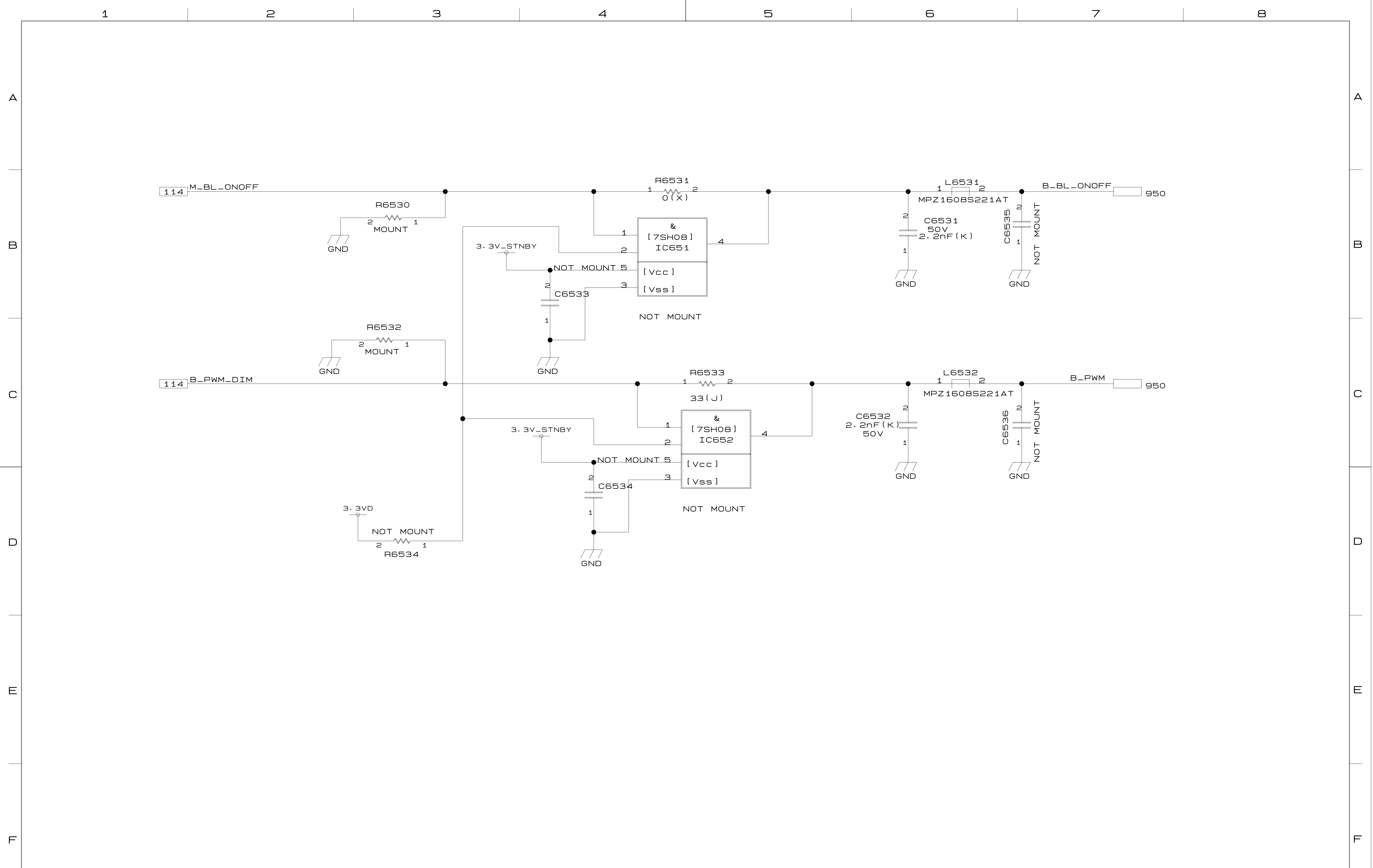




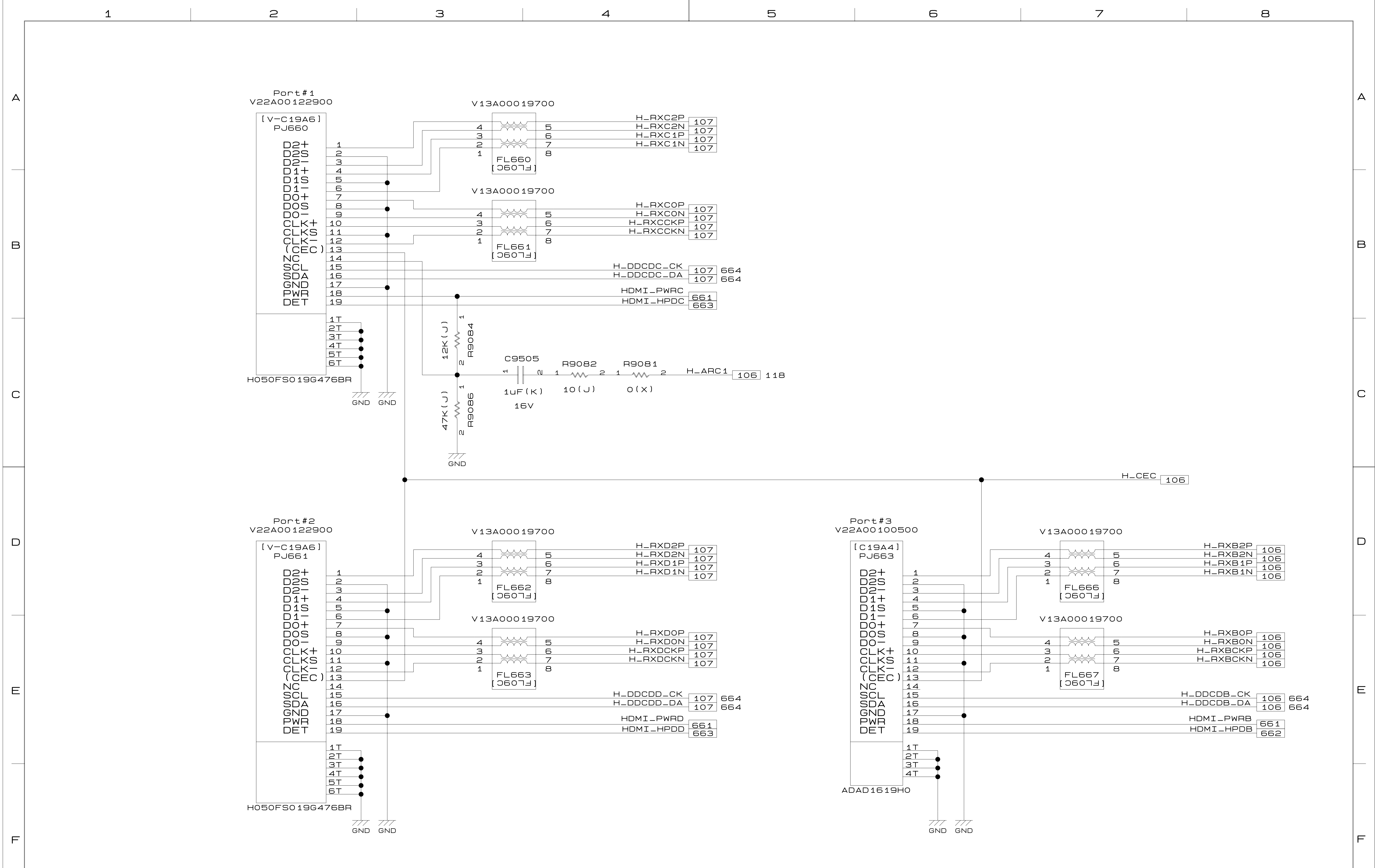


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2012. 01. 11 09:44	TOSHIBA CORPORATION					

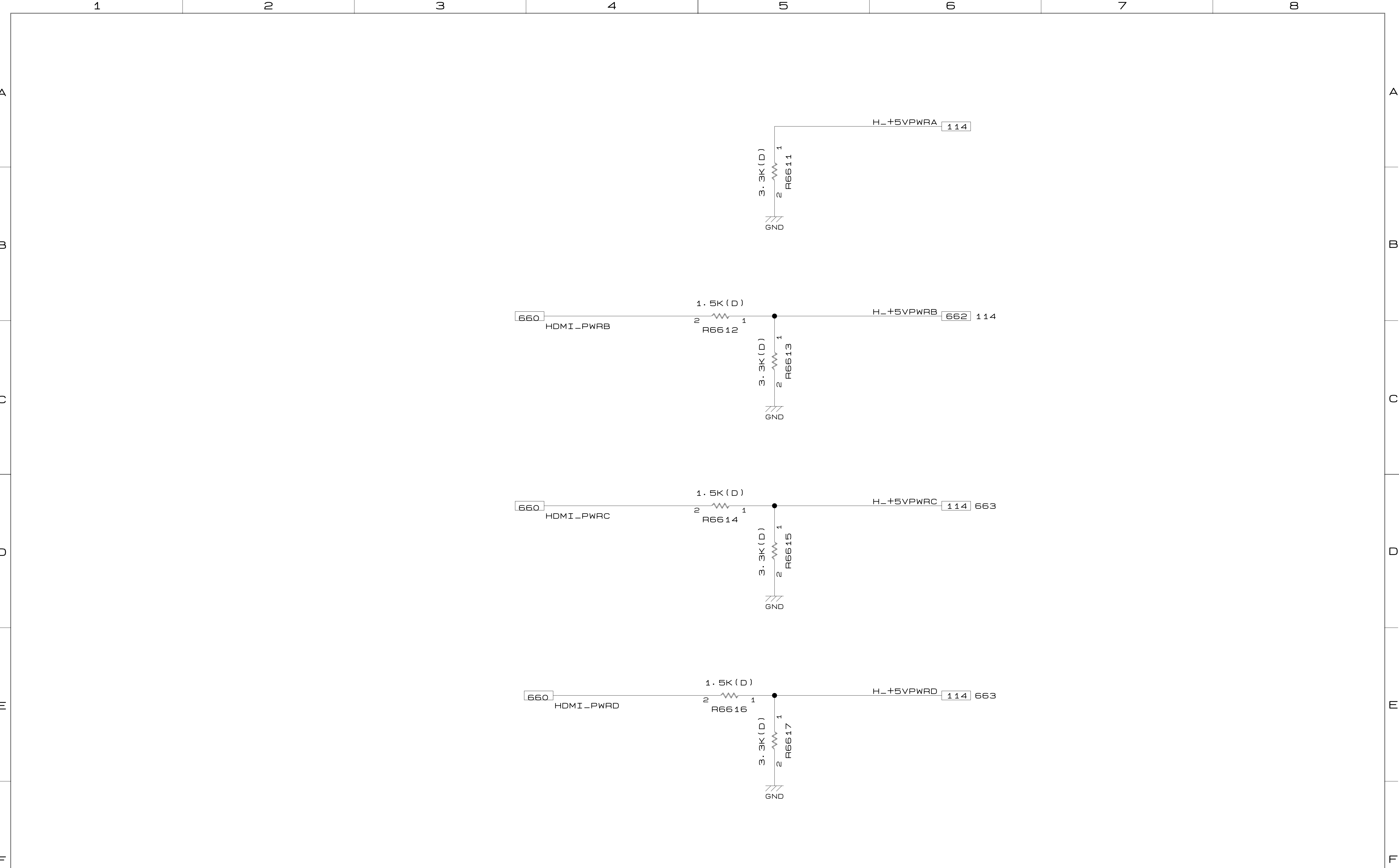




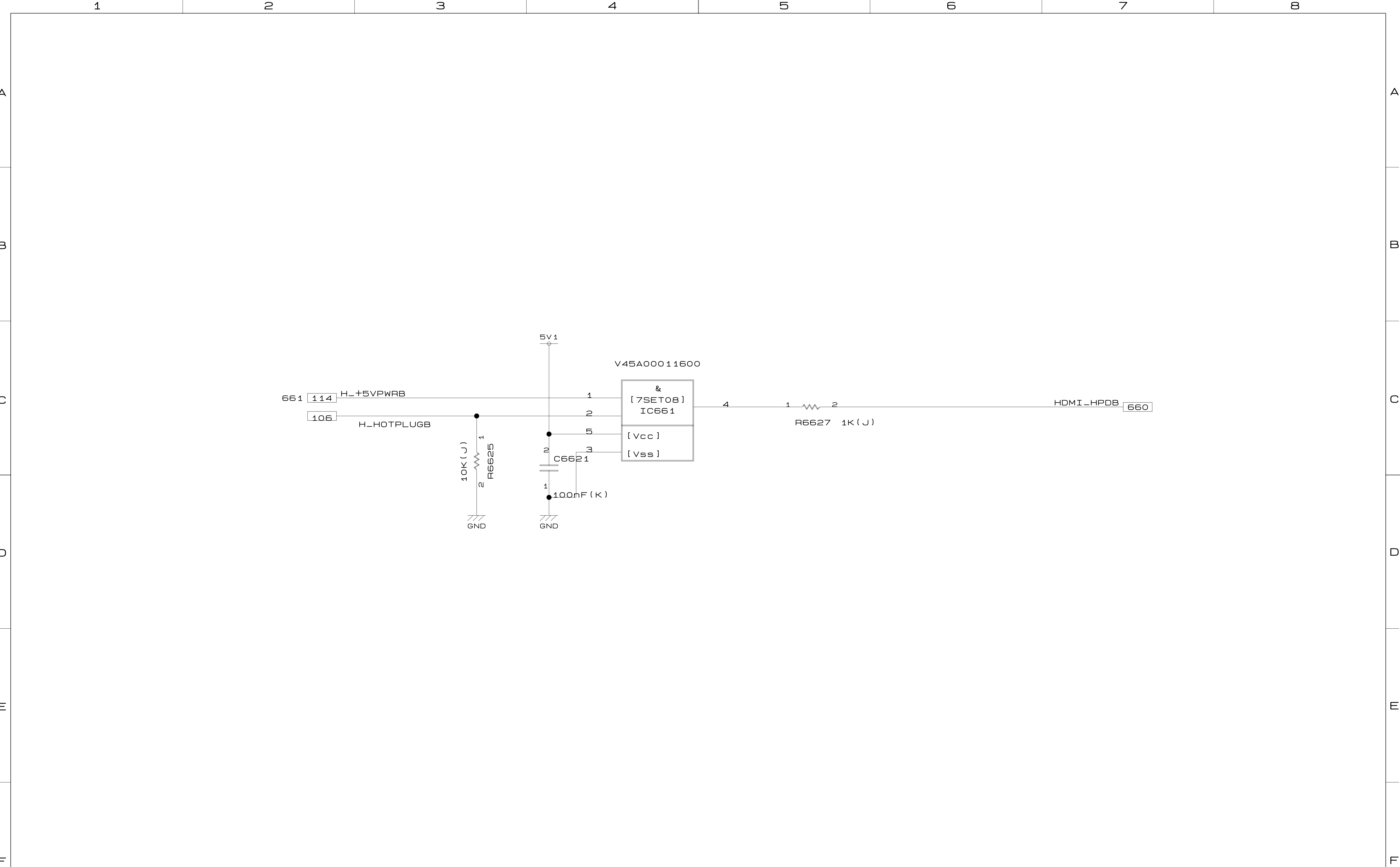
DESIGNED BY	TITLE	FUNCTION	SH. NO.	PAGE NO.	REV. MARK	DRAWING. NO.
S. KOMIYA	MAIN UNIT	BL_CONTROL & DIMMING	652	47	CS1	PE1070
2012.01.11 09:44	TOSHIBA CORPORATION					

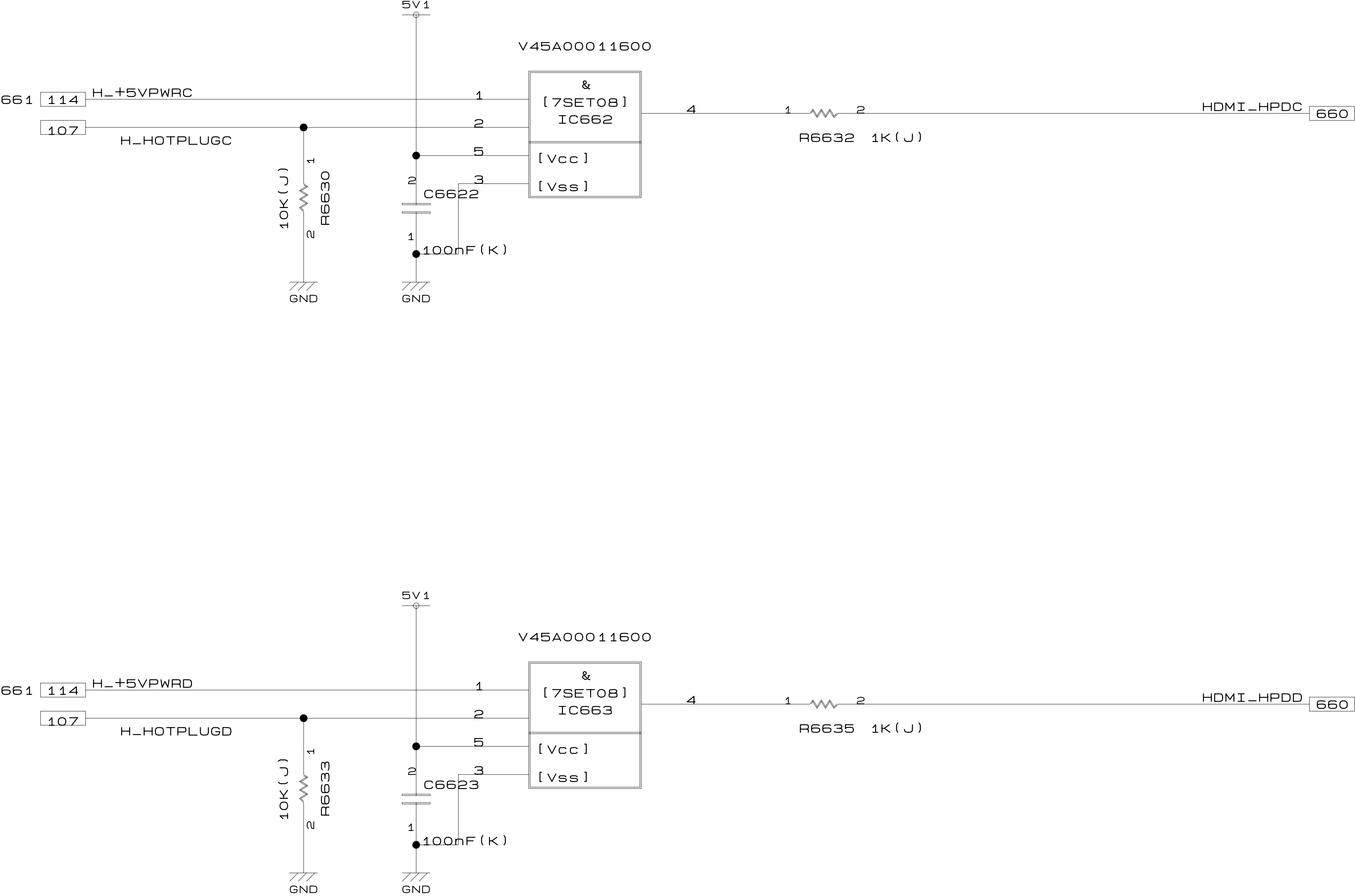


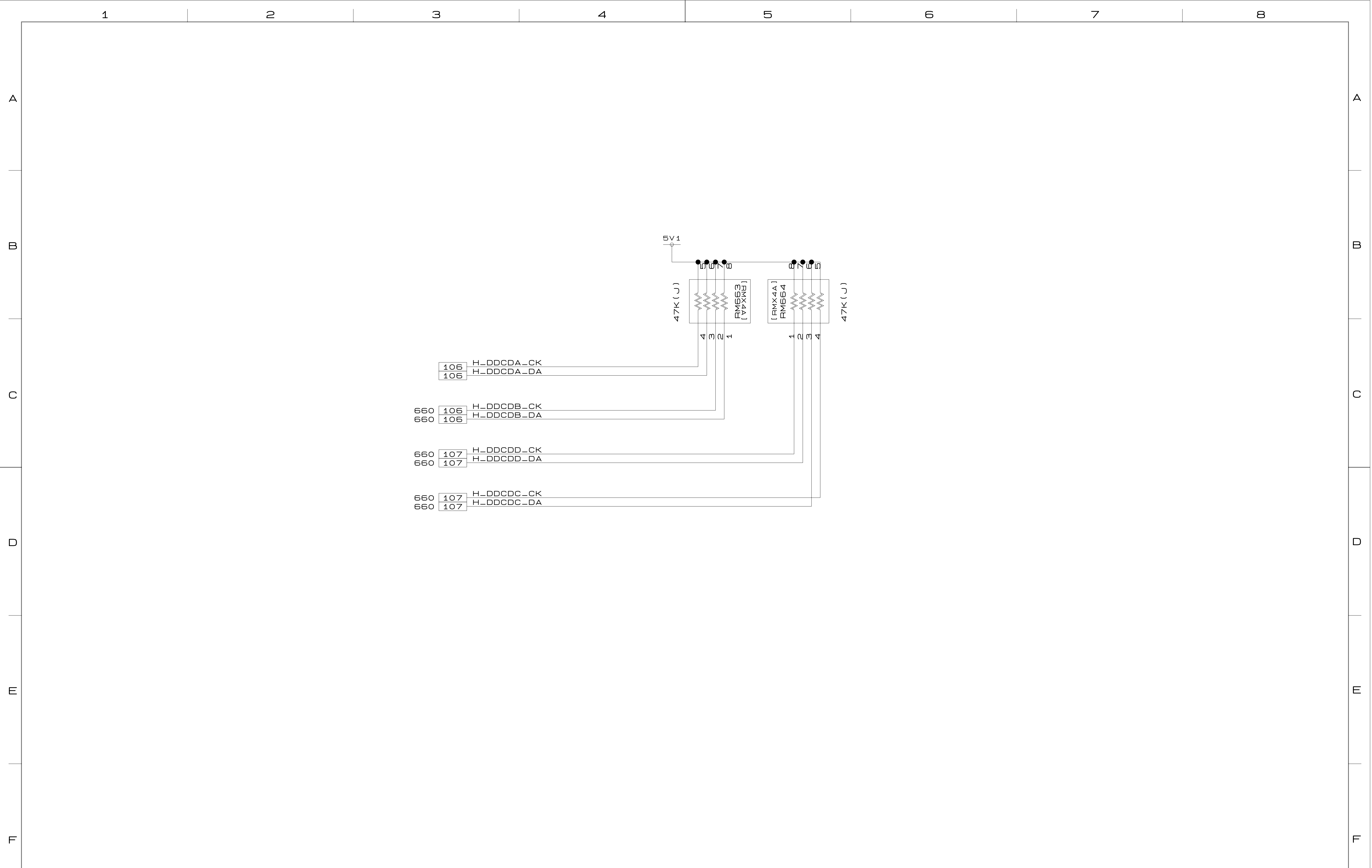
DESIGNED BY	TITLE	FUNCTION	SH. NO.	PAGE NO.	REV. MARK	DRAWING. NO.
Noguchi/Kuwata	MAIN UNIT	HDMI CONNECTOR	660	48	CS1	PE1070
2012.01.11	09:44					TOSHIBA CORPORATION



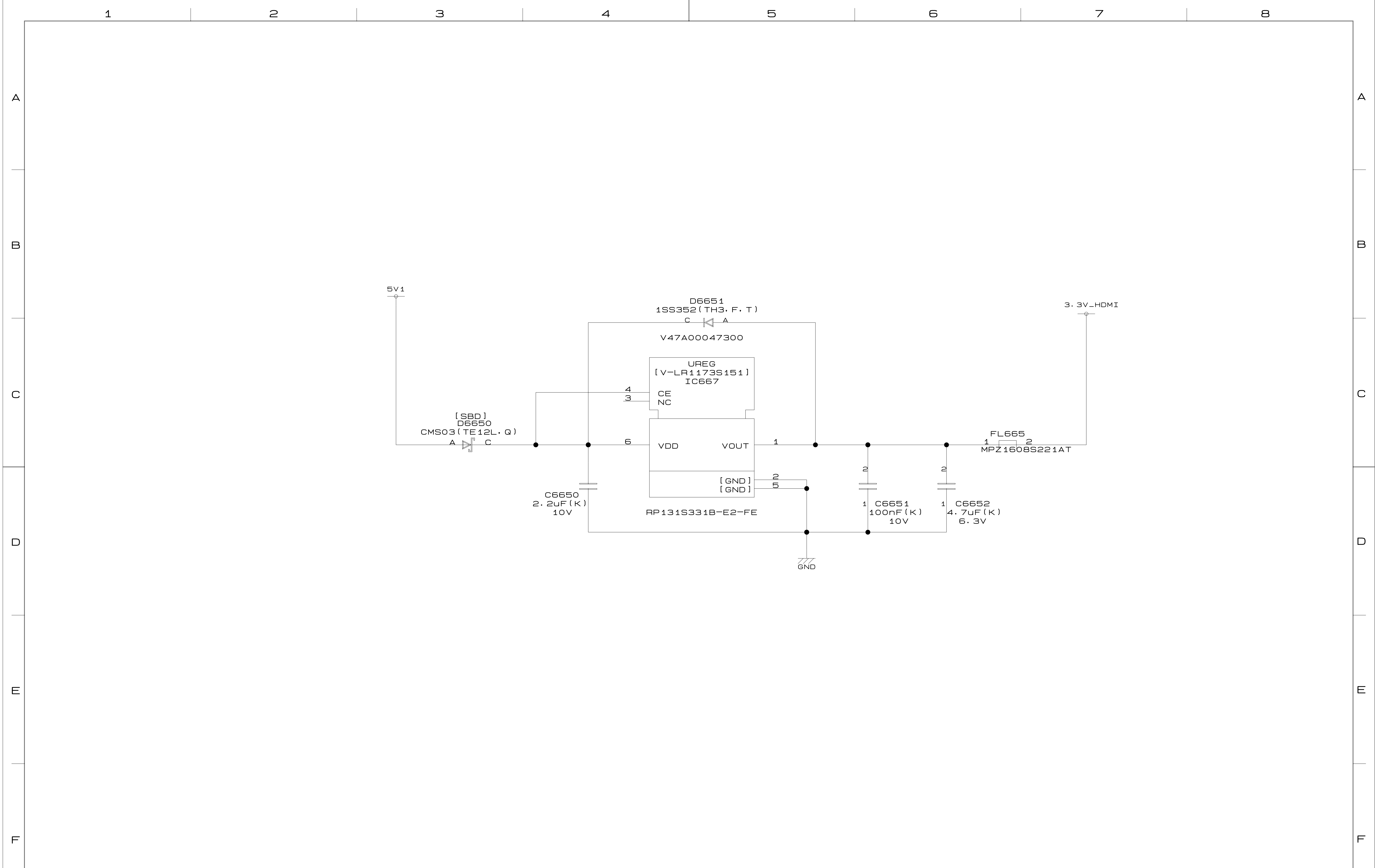
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Kuwata	MAIN UNIT	HDMI 5VPWR	661	49	CS1	PE1070
2012.01.11 09:45	TOSHIBA CORPORATION					



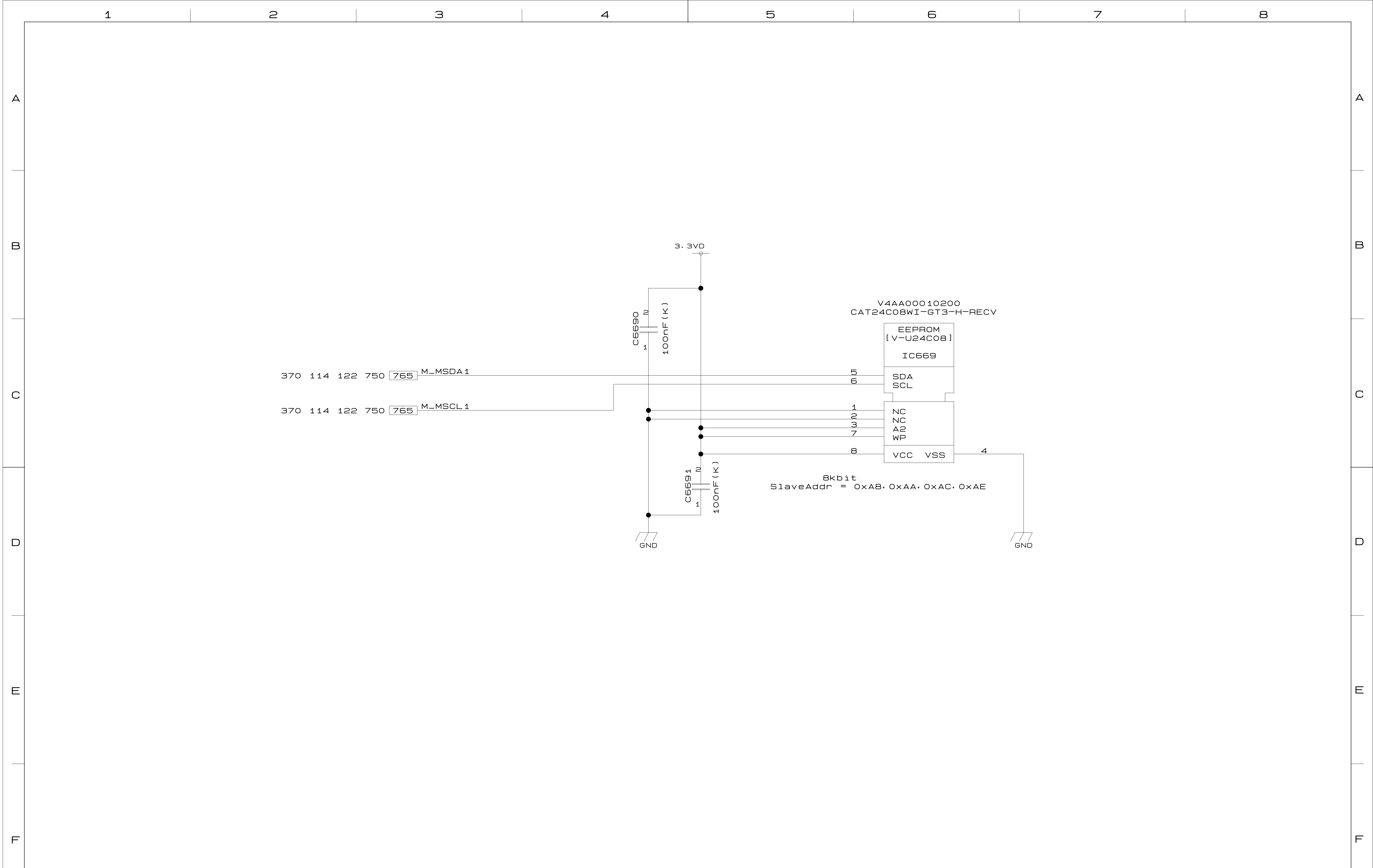




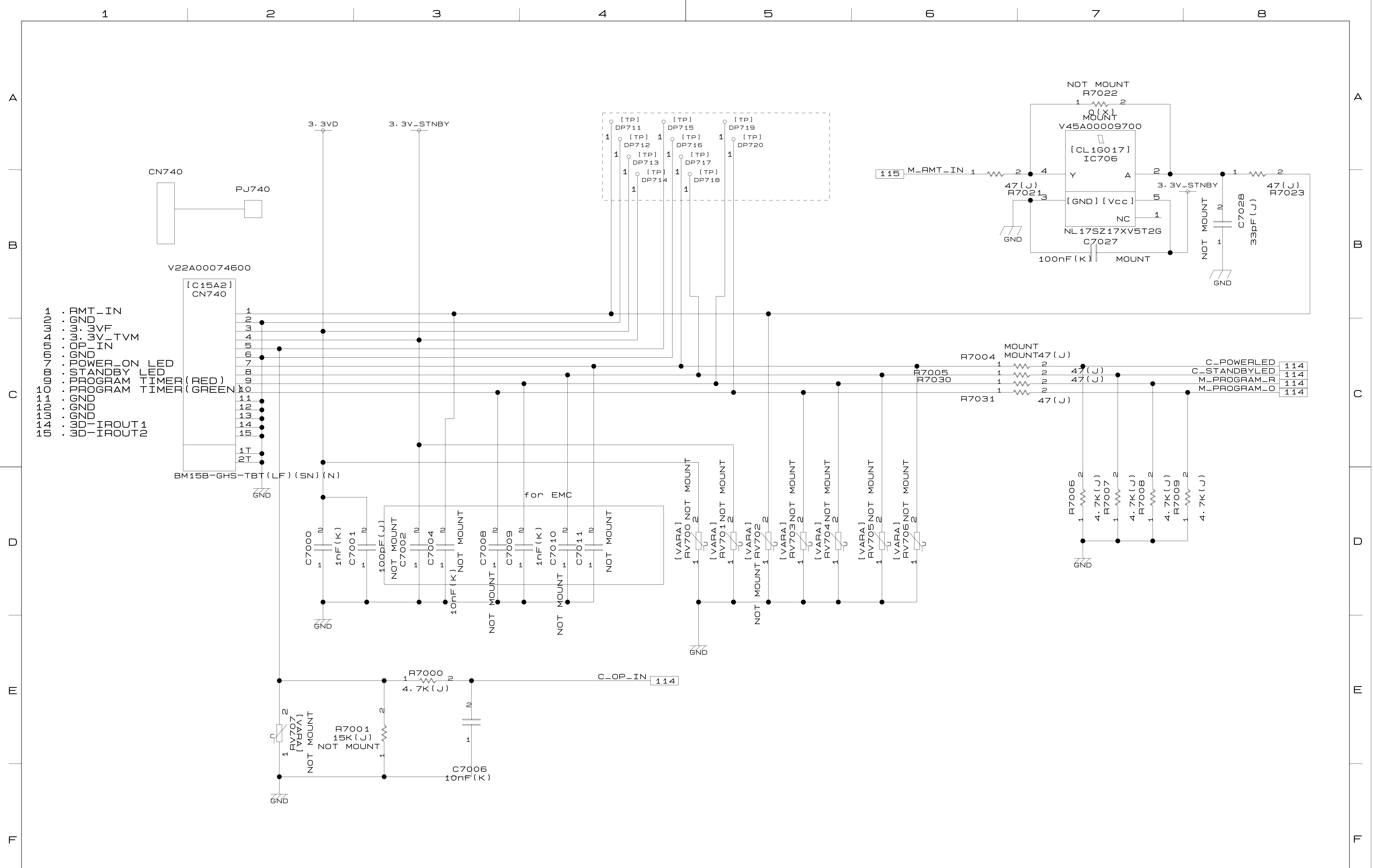


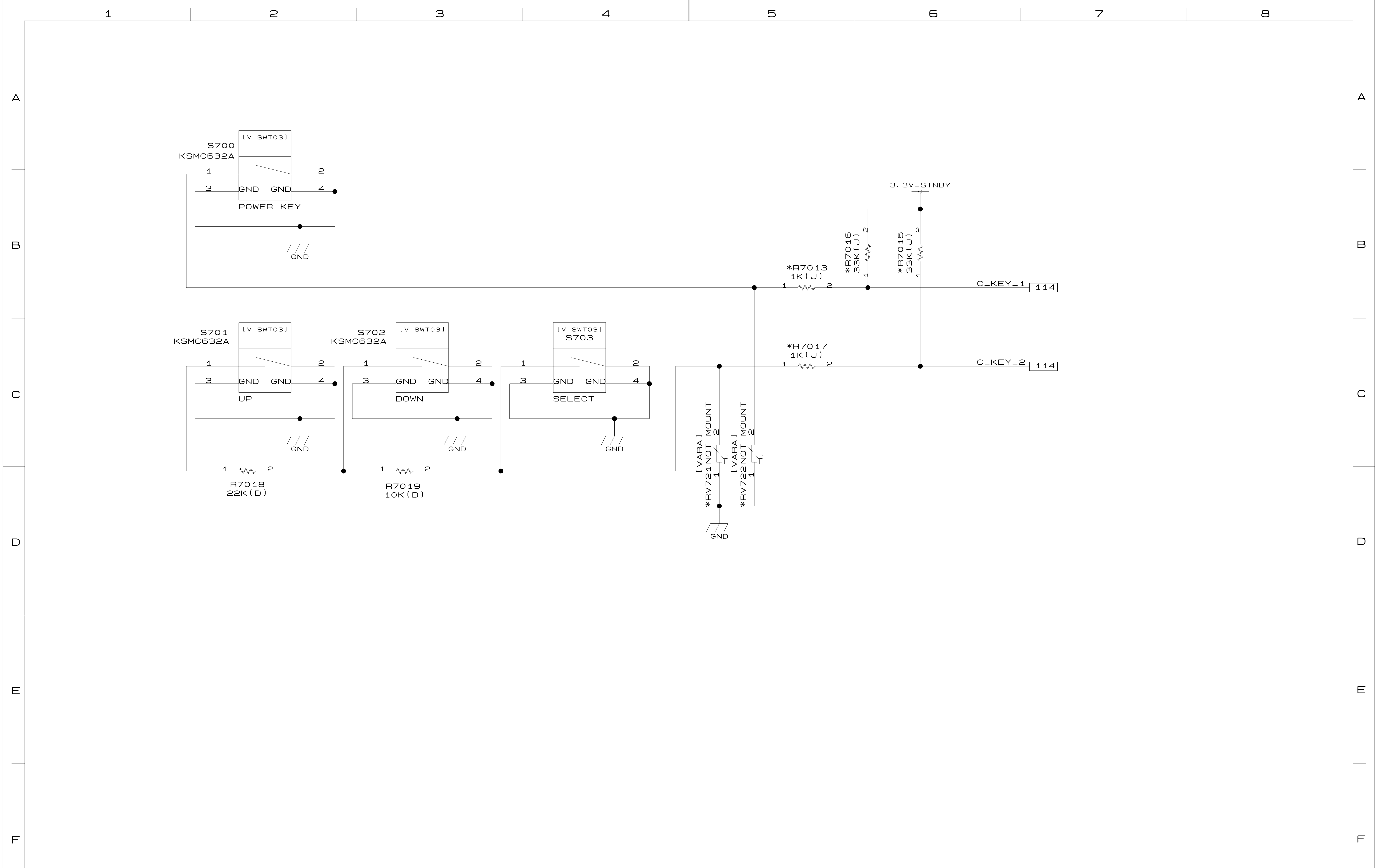


DESIGNED BY	TITLE	FUNCTION	SH. NO.	PAGE NO.	REV. MARK	DRAWING. NO.
Kuwata	POWER TV2 [MAIN]	3.3V_HDMI	665	53	CS1	
2012.01.11 09:45	TOSHIBA CORPORATION					



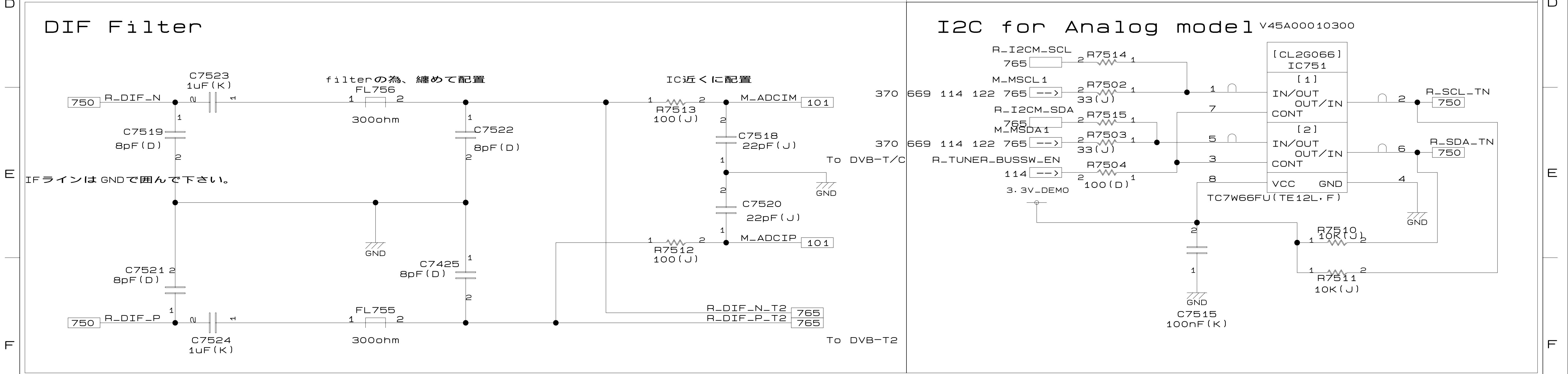
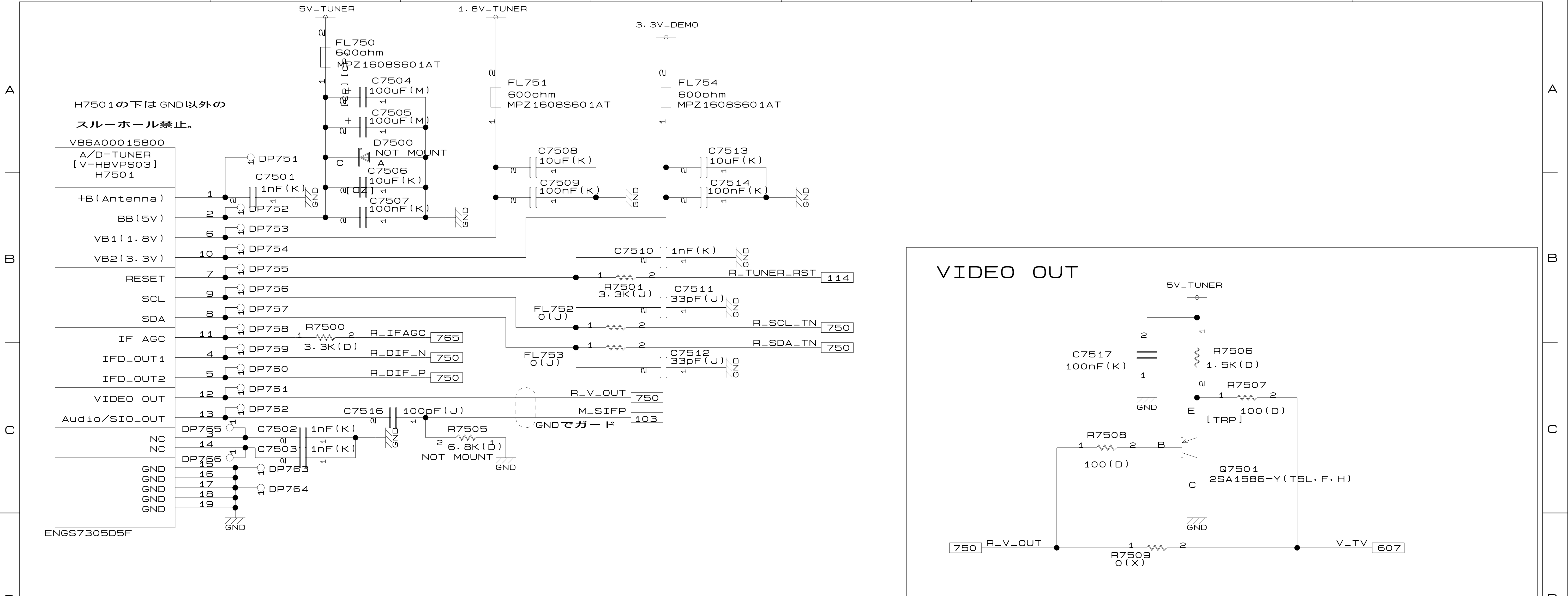
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Noguchi/Kuwata	MAIN UNIT	HDPC KEY ROM	669	54	CS1	PE1070
2012.01.11 09:45	TOSHIBA CORPORATION					



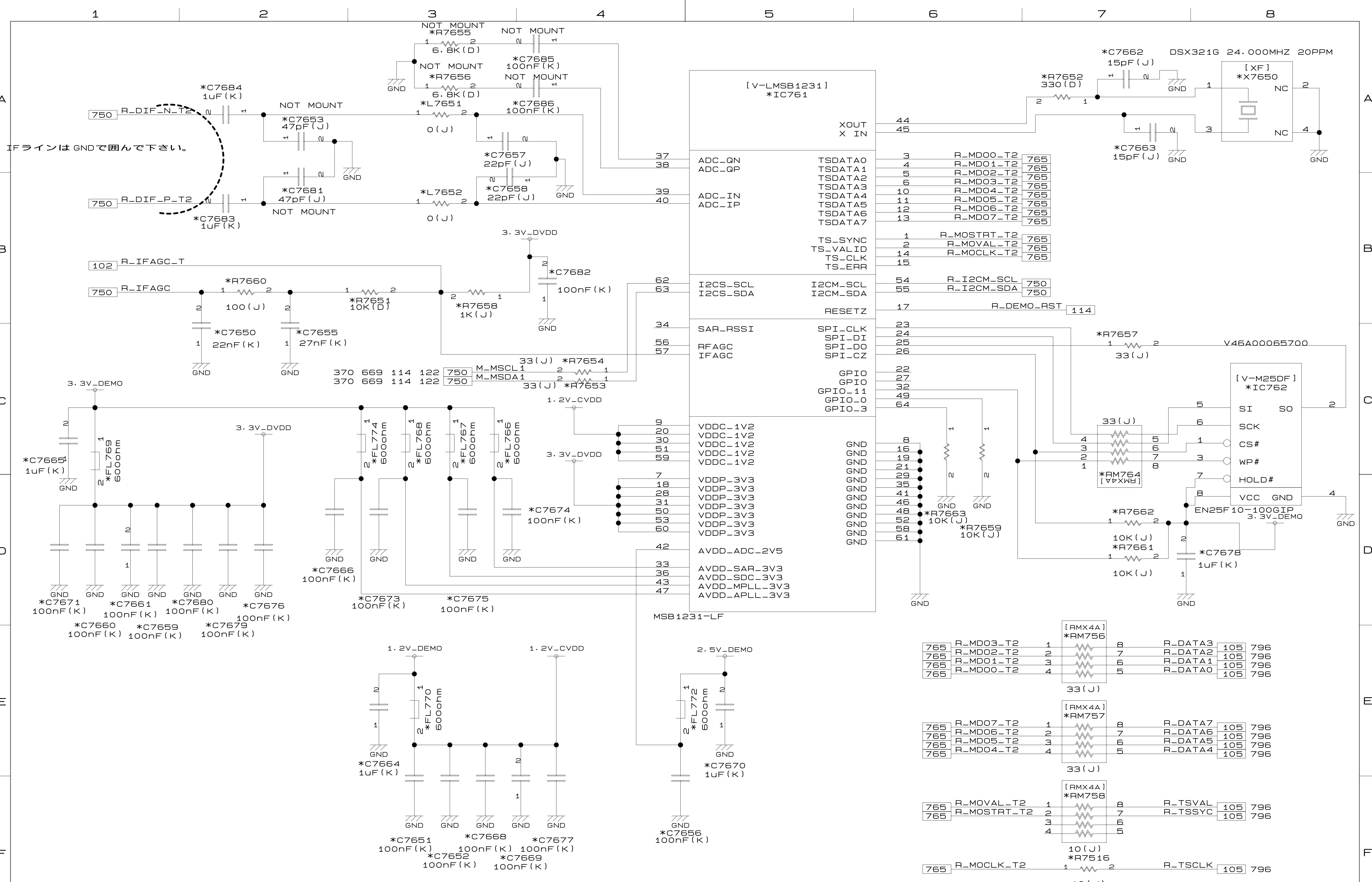


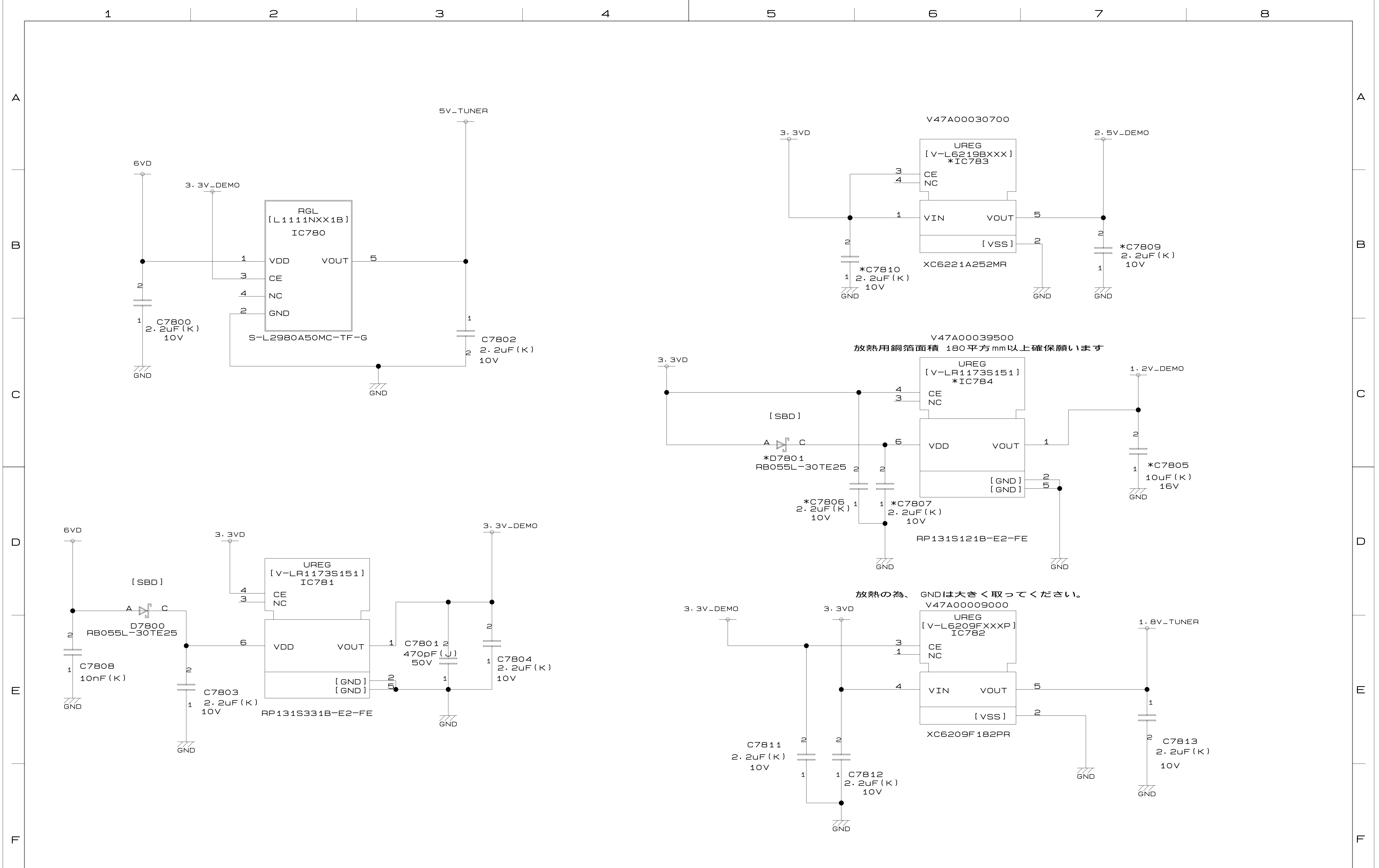
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2012.01.11 09:45	TOSHIBA CORPORATION					





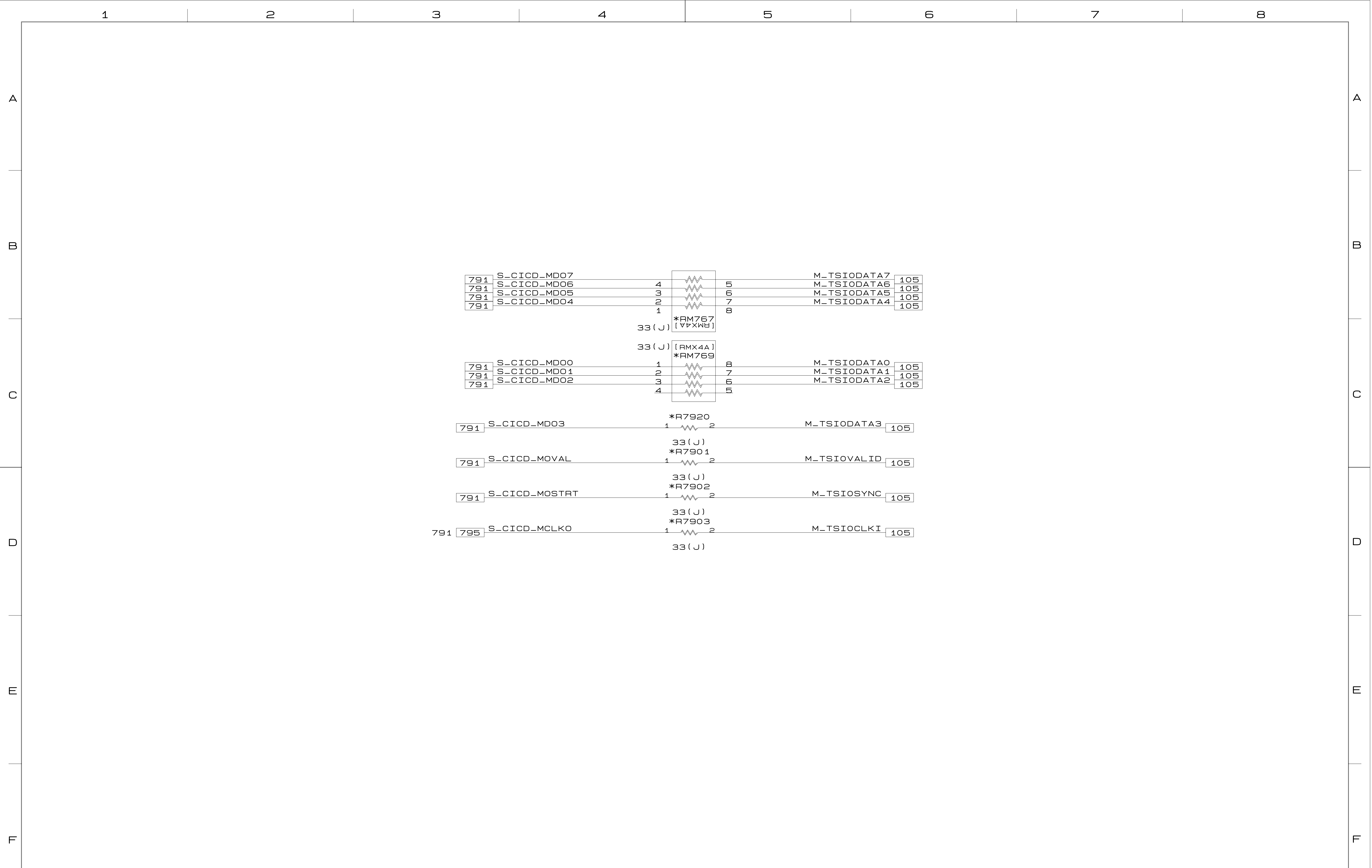
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2012.01.11 09:45			TOSHIBA CORPORATION			



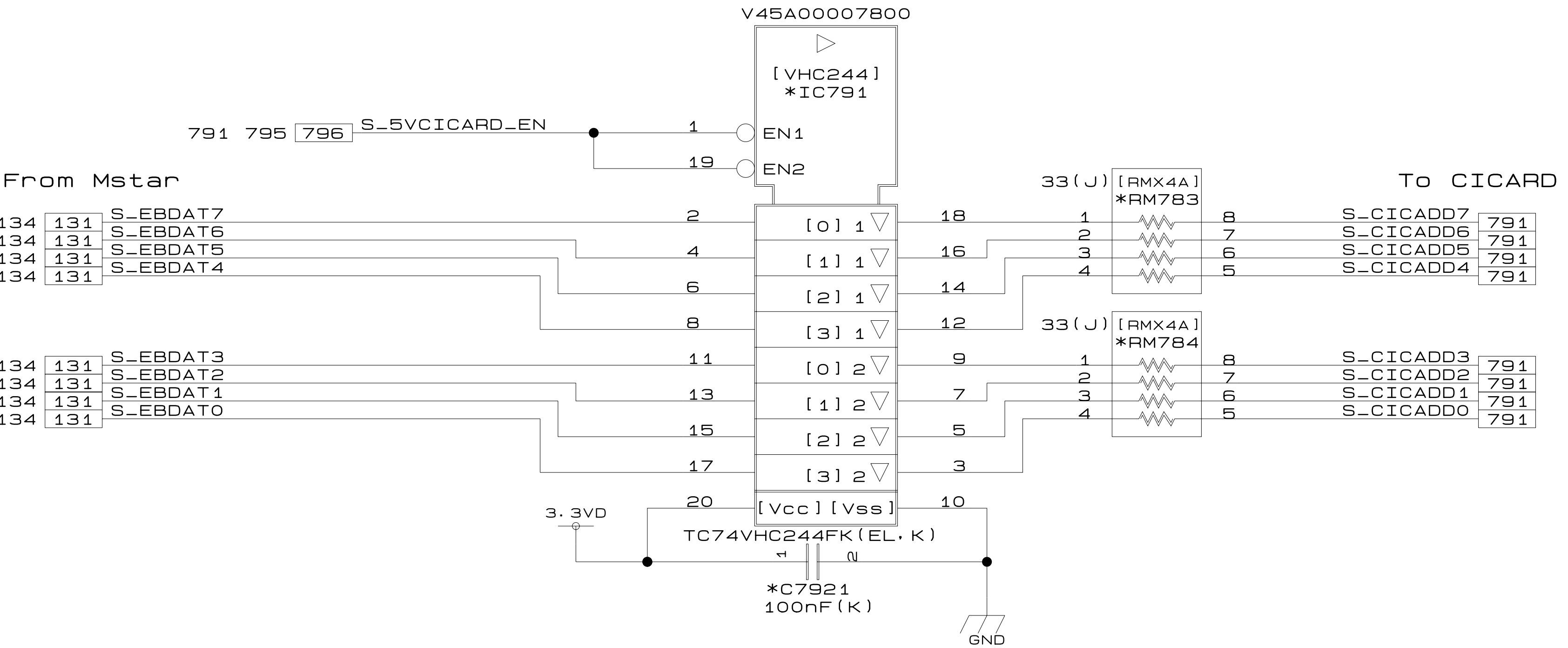
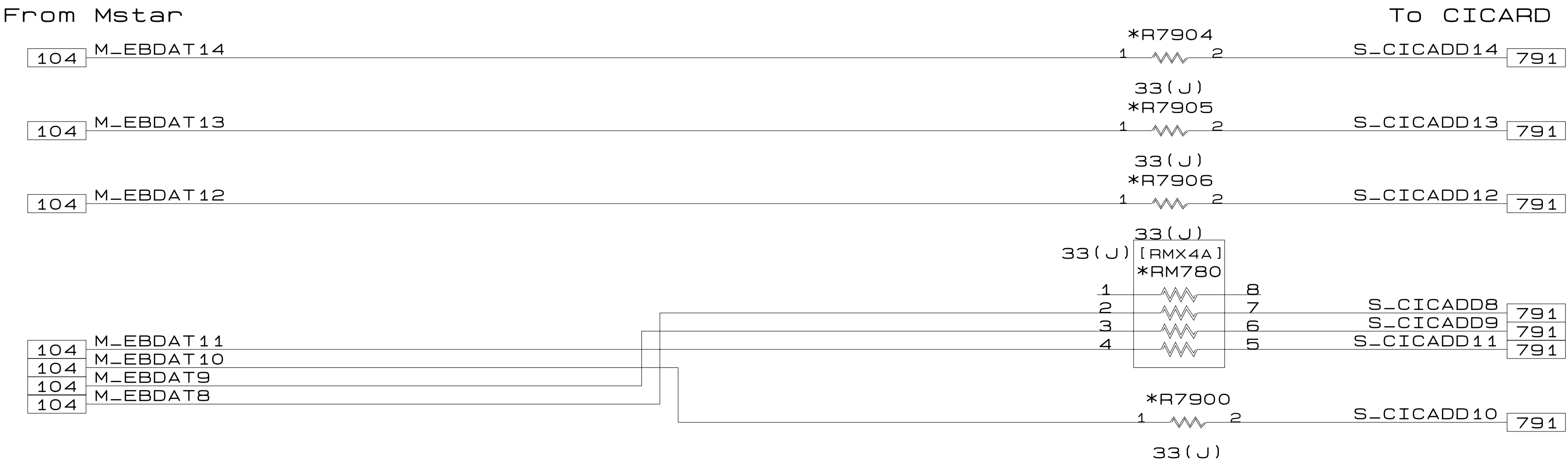


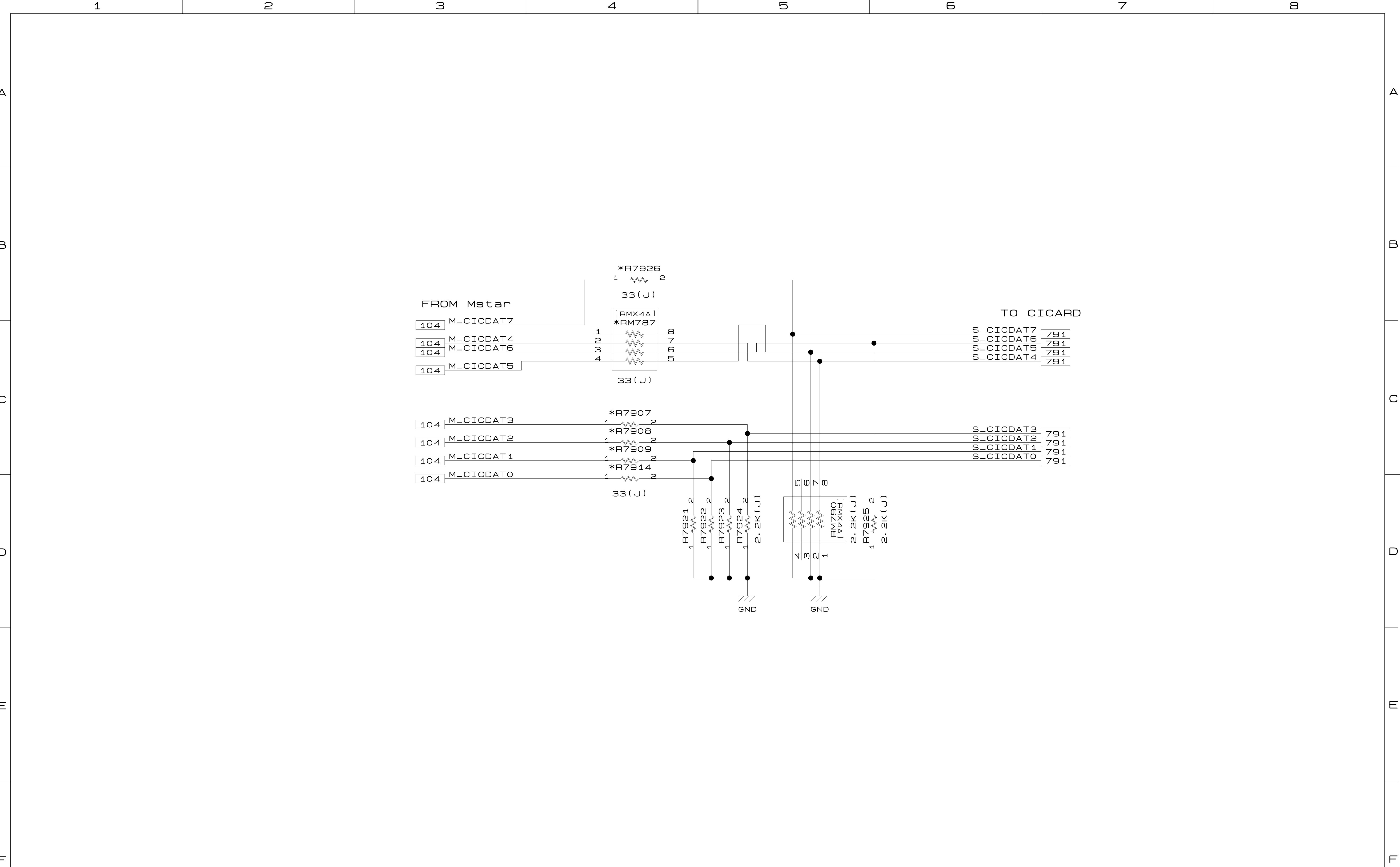
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R. IZUMI	MAIN UNIT	TUNER POWER	780	60	CS1	PE1070
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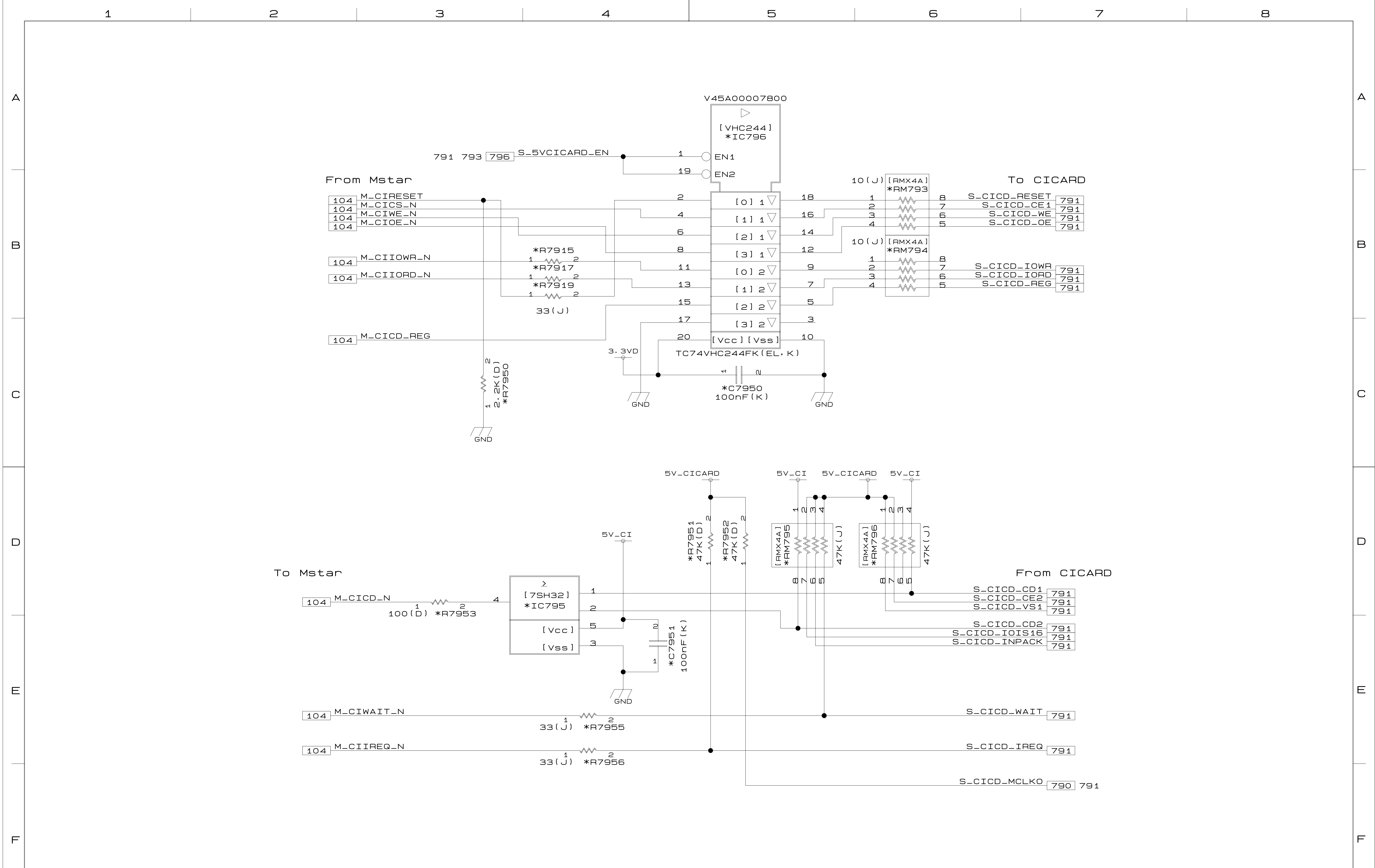












A

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C

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E

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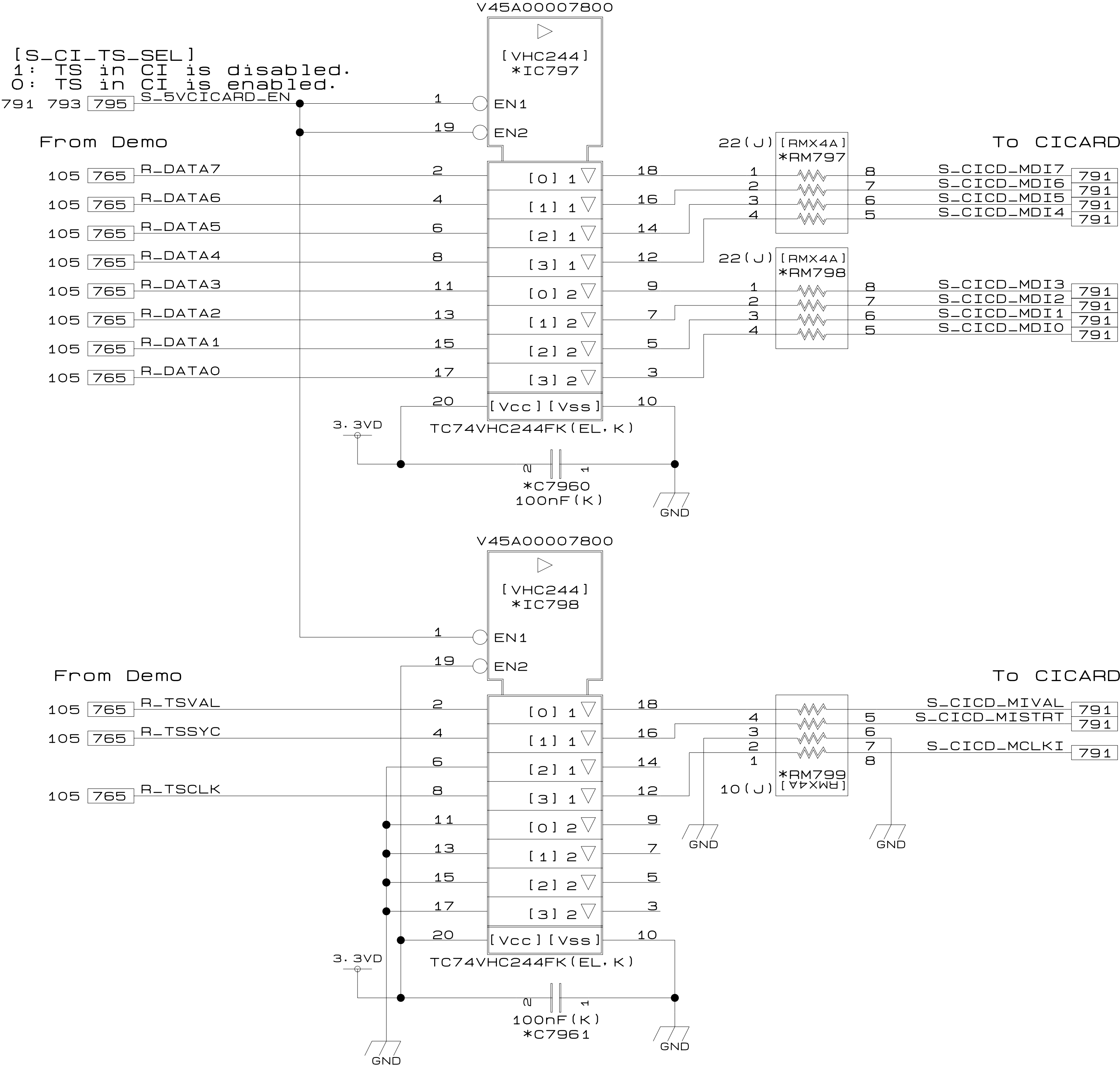
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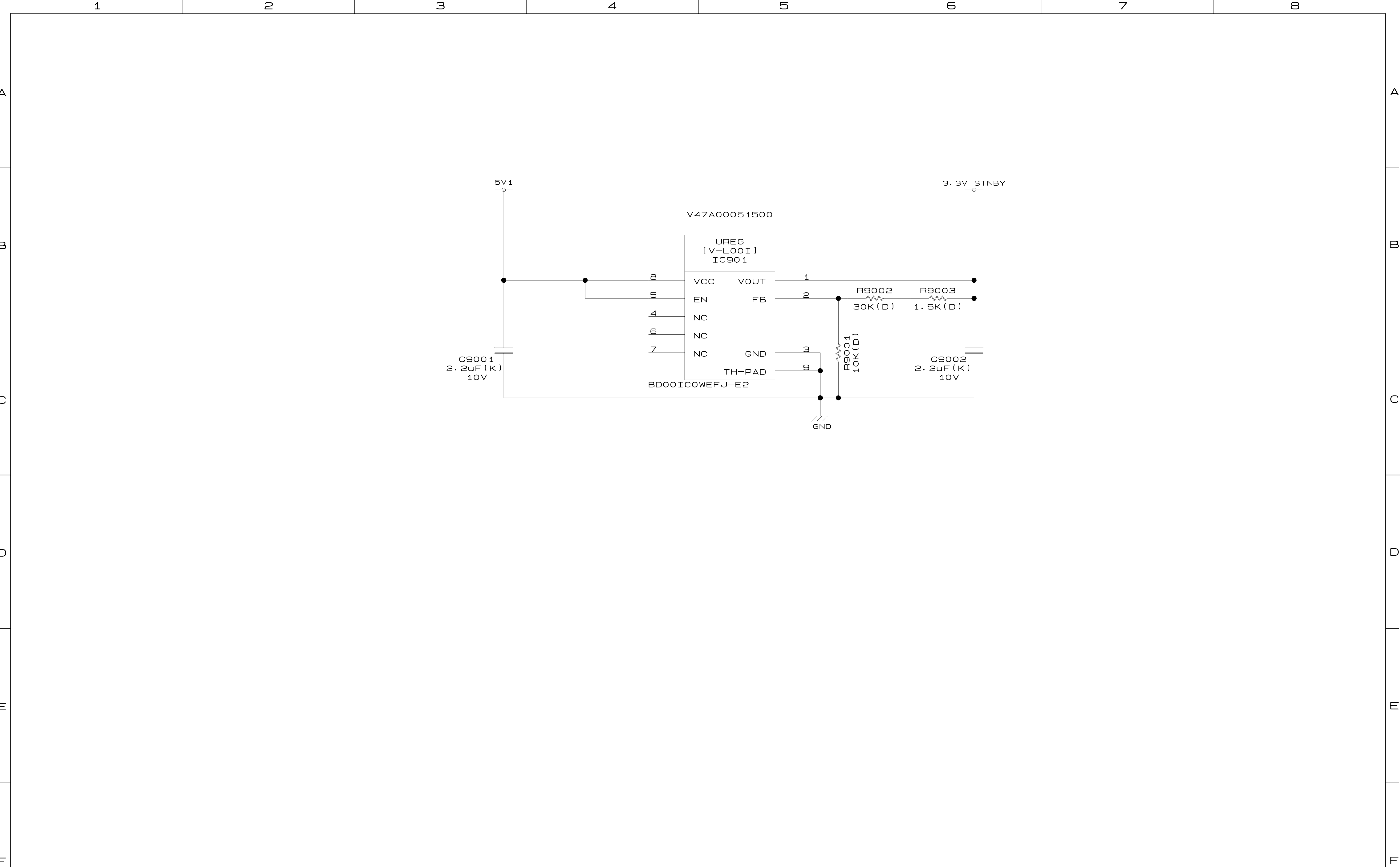
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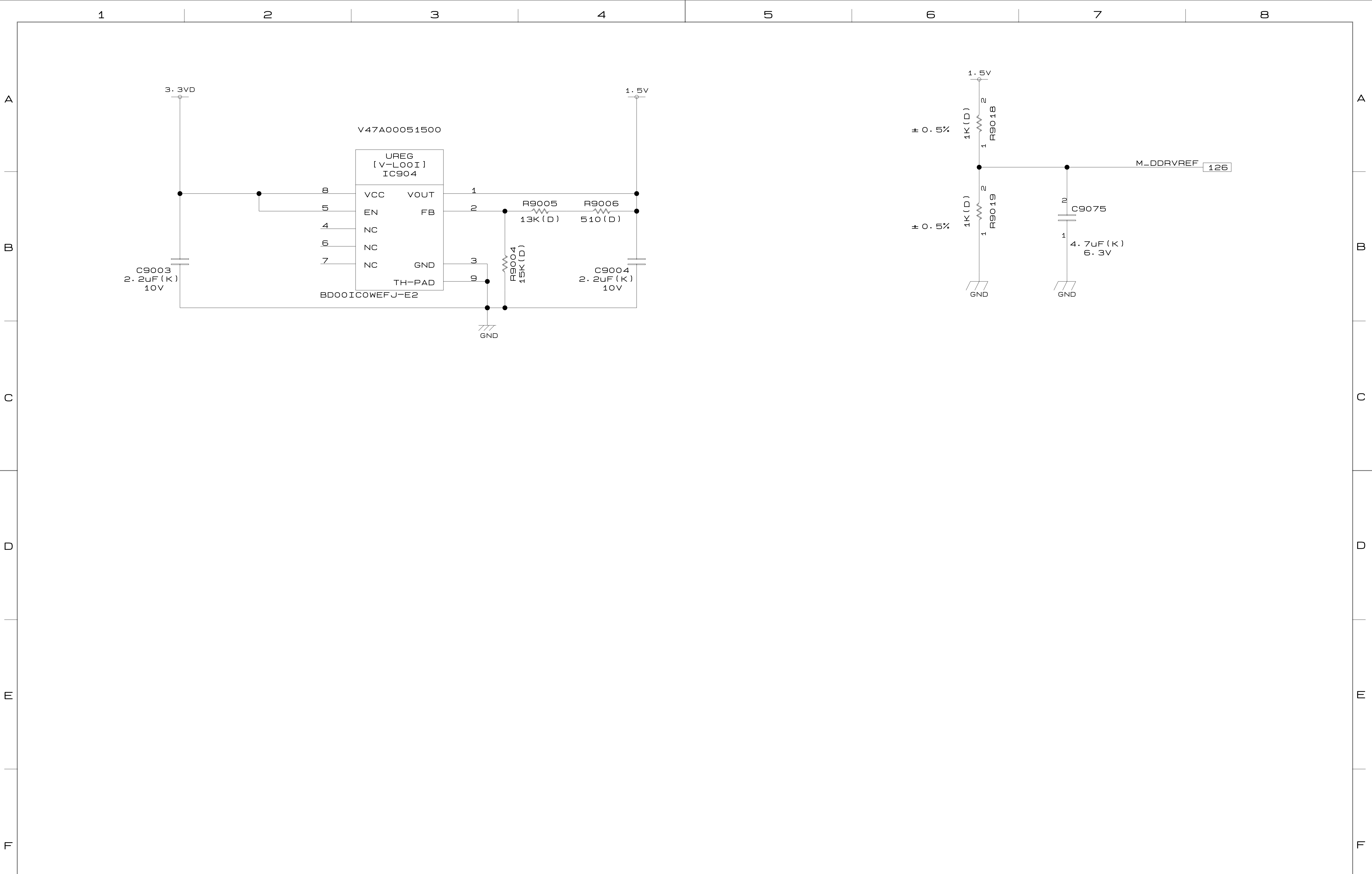


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OSANAI	MAIN UNIT	CI TS OUTPUT BUFFER	796	66	CS1	PE1070
2012.01.11 09:45	TOSHIBA CORPORATION					









DESIGNED BY  
HASUMI

TITLE  
MAIN UNIT

FUNCTION  
FRC POWER 1.5V

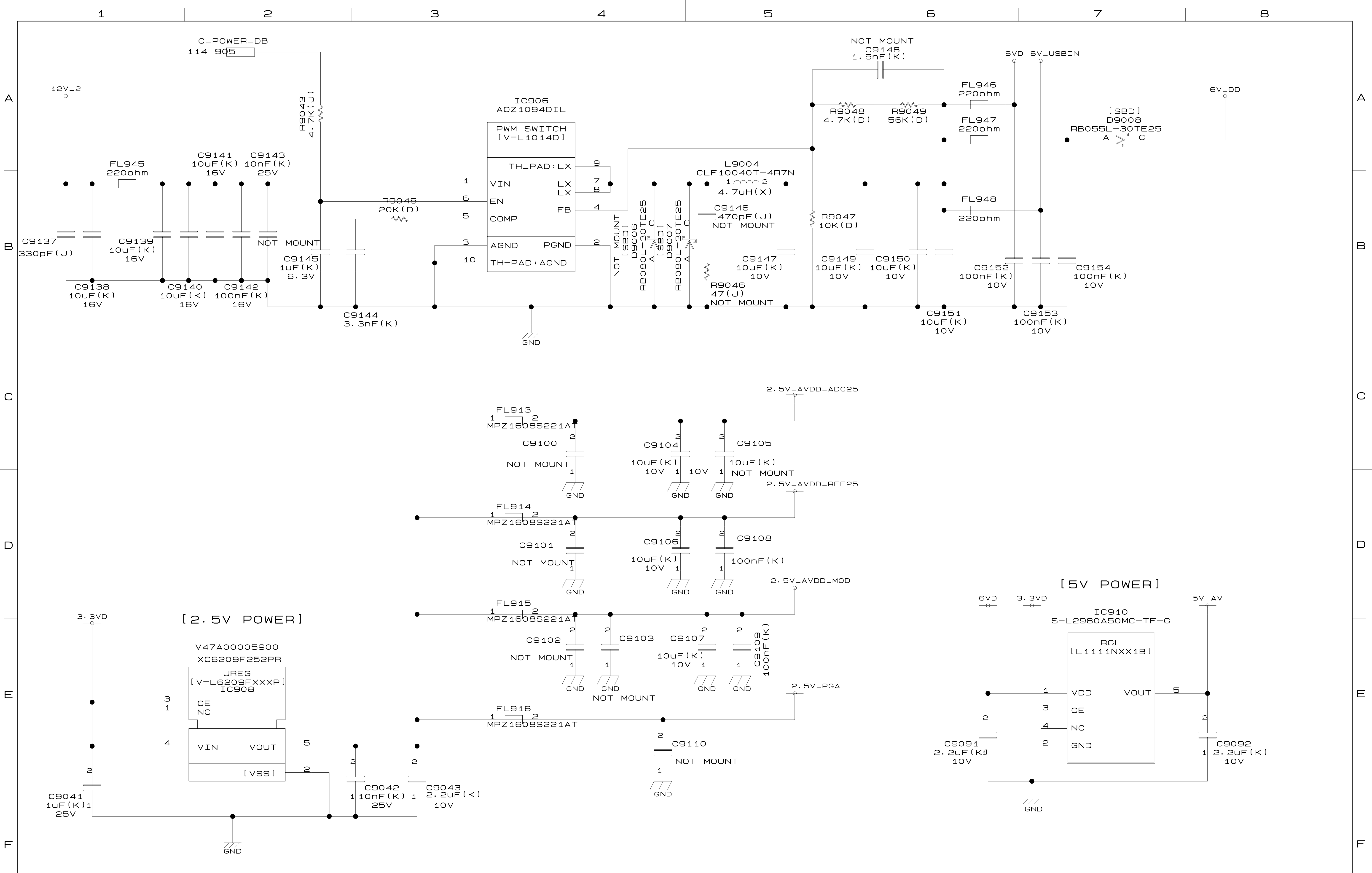
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PAGE NO.  
69

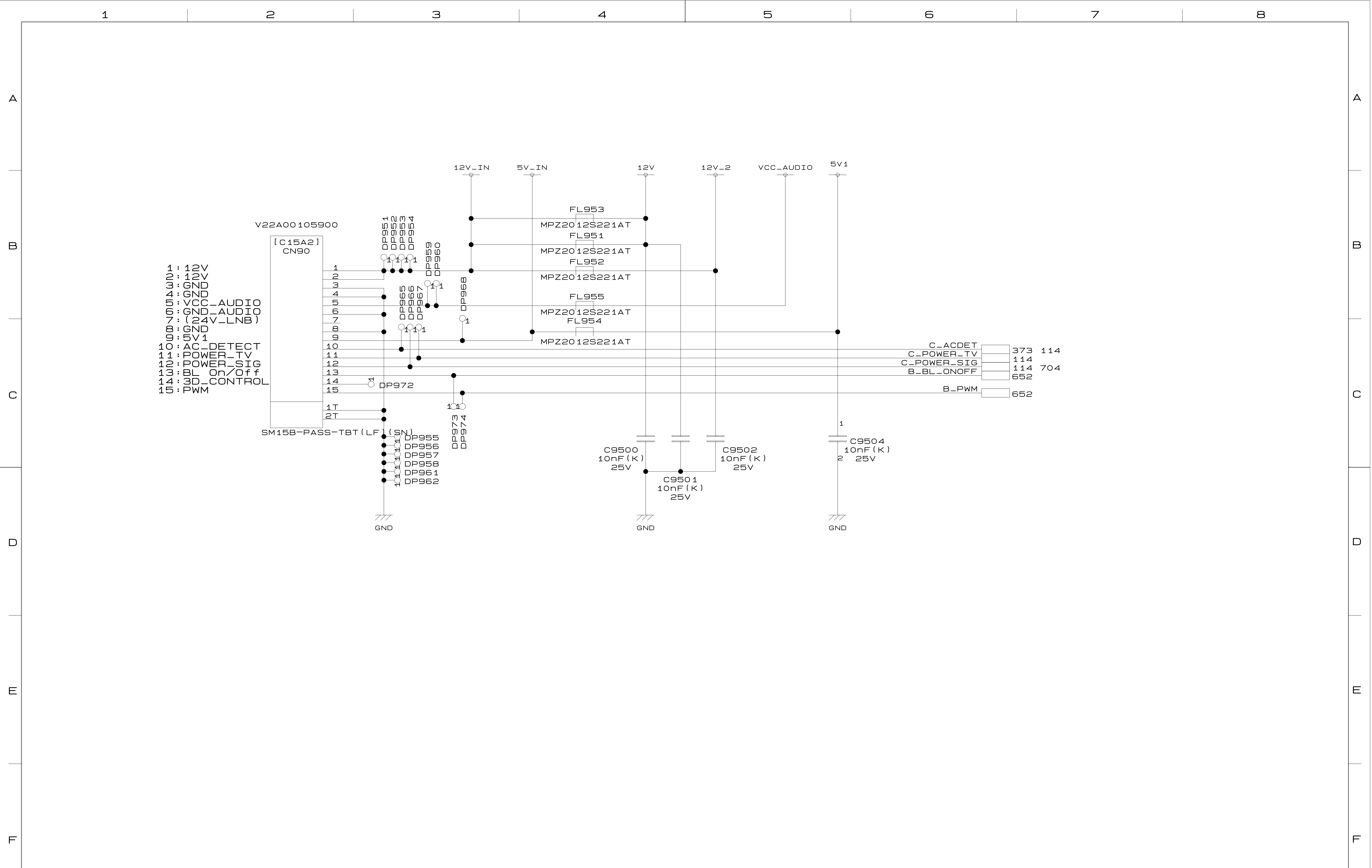
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DRAWING. NO.  
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DESIGNED BY	2012/01/05	TITLE	FUNCTION	SH. NO.	PAGE NO.	REV. MARK	DRAWING. NO.
HASUMI		MAIN UNIT	POWER 6V	906	71	CS1	PE1070



DESIGNED BY	TITLE	FUNCTION	SH. NO.	PAGE NO.	REV. MARK	DRAWING. NO.
OSANAI	MAIN UNIT	POWER CONNECTOR	950	72	CS1	PE1070
2012.01.11 09:45	TOSHIBA CORPORATION					



DESIGNED BY	TITLE	FUNCTION	SH. NO.	PAGE NO.	REV. MARK	DRAWING. NO.
OSANAI	MAIN UNIT	EMC CONTROL	960	73	CS1	PE1070