

To our customers,

Old Company Name in Catalogs and Other Documents

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Renesas Electronics website: <http://www.renesas.com>

April 1st, 2010
Renesas Electronics Corporation

Issued by: Renesas Electronics Corporation (<http://www.renesas.com>)

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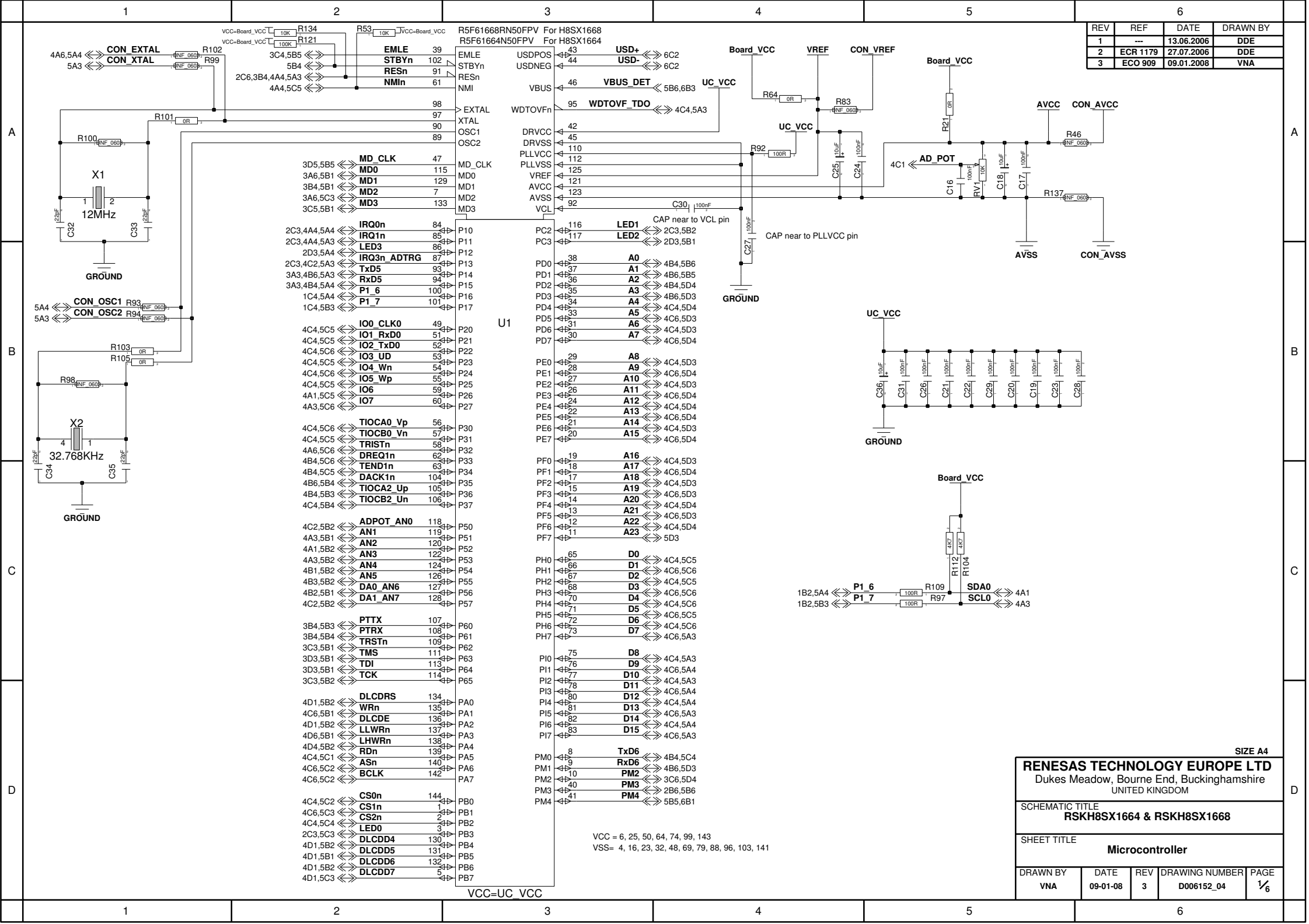
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REV	REF	DATE	DRAWN BY
1	---	13.06.2006	DDE
2	ECR 1179	27.07.2006	DDE
3	ECO 909	09.01.2008	VNA

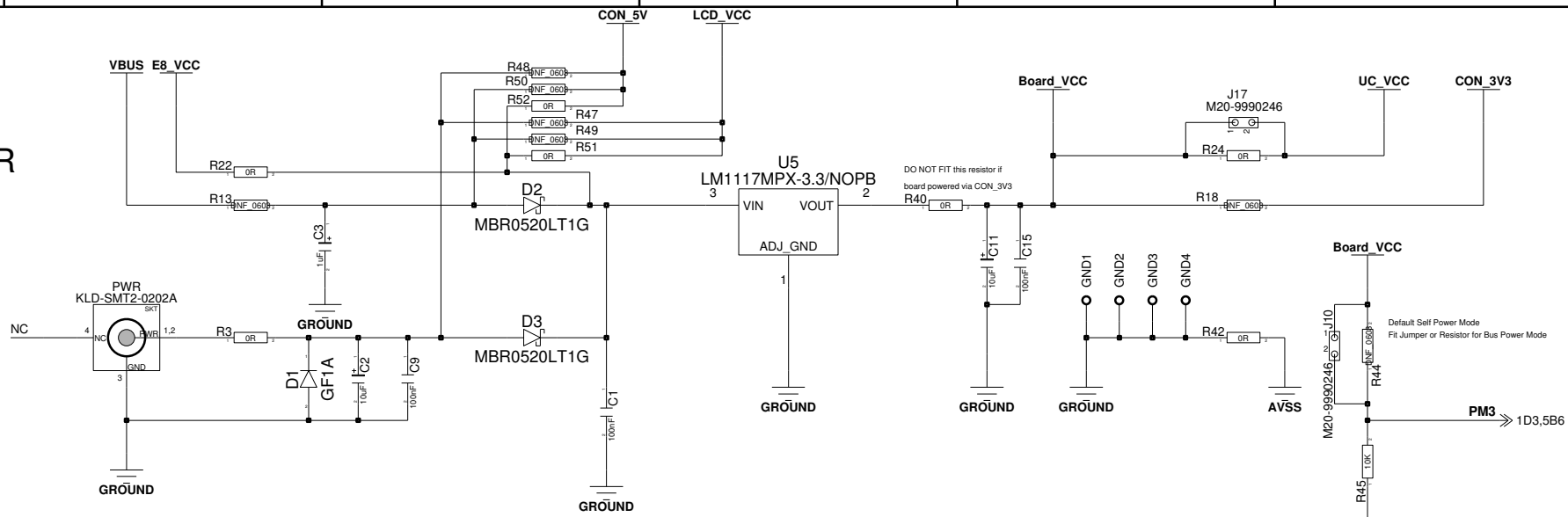


39	EMLE	43	USD+	6C2
102	STBYn	44	USD-	6C2
91	RESn	46	VBUS_DET	5B6,6B3
61	NMIIn	95	WDTOVF_TDO	4C4,5A3
98	EXTAL	42	DRVCC	
97	XTAL	45	DRVSS	
90	OSC1	110	PLLVCC	
89	OSC2	112	PLLVSS	
47	MD_CLK	125	VREF	
115	MD0	121	AVCC	
129	MD1	123	AVSS	
7	MD2	92	VCL	
133	MD3	116	LED1	2C3,5B2
84	IRQ0n	117	LED2	2D3,5B1
85	IRQ1n	38	A0	4B4,5B6
86	LED3	37	A1	4B6,5B5
87	IRQ3n_ADTRG	36	A2	4B4,5D4
93	TxD5	35	A3	4B6,5D3
94	RxD5	34	A4	4C4,5D4
100	P1_6	33	A5	4C6,5D3
101	P1_7	31	A6	4C4,5D3
49	IO0_CLK0	30	A7	4C6,5D4
51	IO1_RxD0	29	A8	4C4,5D3
52	IO2_TxD0	28	A9	4C6,5D4
53	IO3_UD	27	A10	4C4,5D3
54	IO4_Wn	26	A11	4C6,5D4
55	IO5_Wp	24	A12	4C4,5D4
58	IO6	22	A13	4C6,5D4
59	IO7	21	A14	4C4,5D3
56	TIOCA0_Vp	20	A15	4C6,5D4
57	TIOCB0_Vn	19	A16	4C4,5D3
58	TRISTn	18	A17	4C6,5D4
62	DREQ1n	17	A18	4C4,5D3
63	TEND1n	15	A19	4C6,5D3
104	DACK1n	14	A20	4C4,5D4
105	TIOCA2_Up	13	A21	4C6,5D3
106	TIOCB2_Un	12	A22	4C4,5D4
118	ADPOT_AN0	11	A23	5D3
119	AN1	65	D0	4C4,5C5
120	AN2	66	D1	4C6,5C6
121	AN3	67	D2	4C4,5C5
122	AN4	68	D3	4C6,5C6
123	AN5	70	D4	4C4,5C6
124	DA0_AN6	71	D5	4C6,5C5
125	DA1_AN7	72	D6	4C4,5C6
126	PTTX	73	D7	4C6,5A3
108	PTRX	75	D8	4C4,5A3
109	TRSTn	76	D9	4C6,5A4
111	TMS	77	D10	4C4,5A3
113	TDI	78	D11	4C6,5A4
114	TCK	80	D12	4C4,5A4
134	DLCDRS	81	D13	4C6,5A3
135	WRn	82	D14	4C4,5A4
136	DLCDE	83	D15	4C6,5A3
137	LLWRn	8	TxD6	4B4,5C4
138	LHWRn	9	RxD6	4B6,5D3
139	RDn	10	PM2	3C6,5D4
140	ASn	40	PM3	2B6,5B6
142	BCLK	41	PM4	5B5,6B1
144	CS0n			
1	CS1n			
2	CS2n			
3	LED0			
130	DLCDD4			
131	DLCDD5			
132	DLCDD6			
5	DLCDD7			

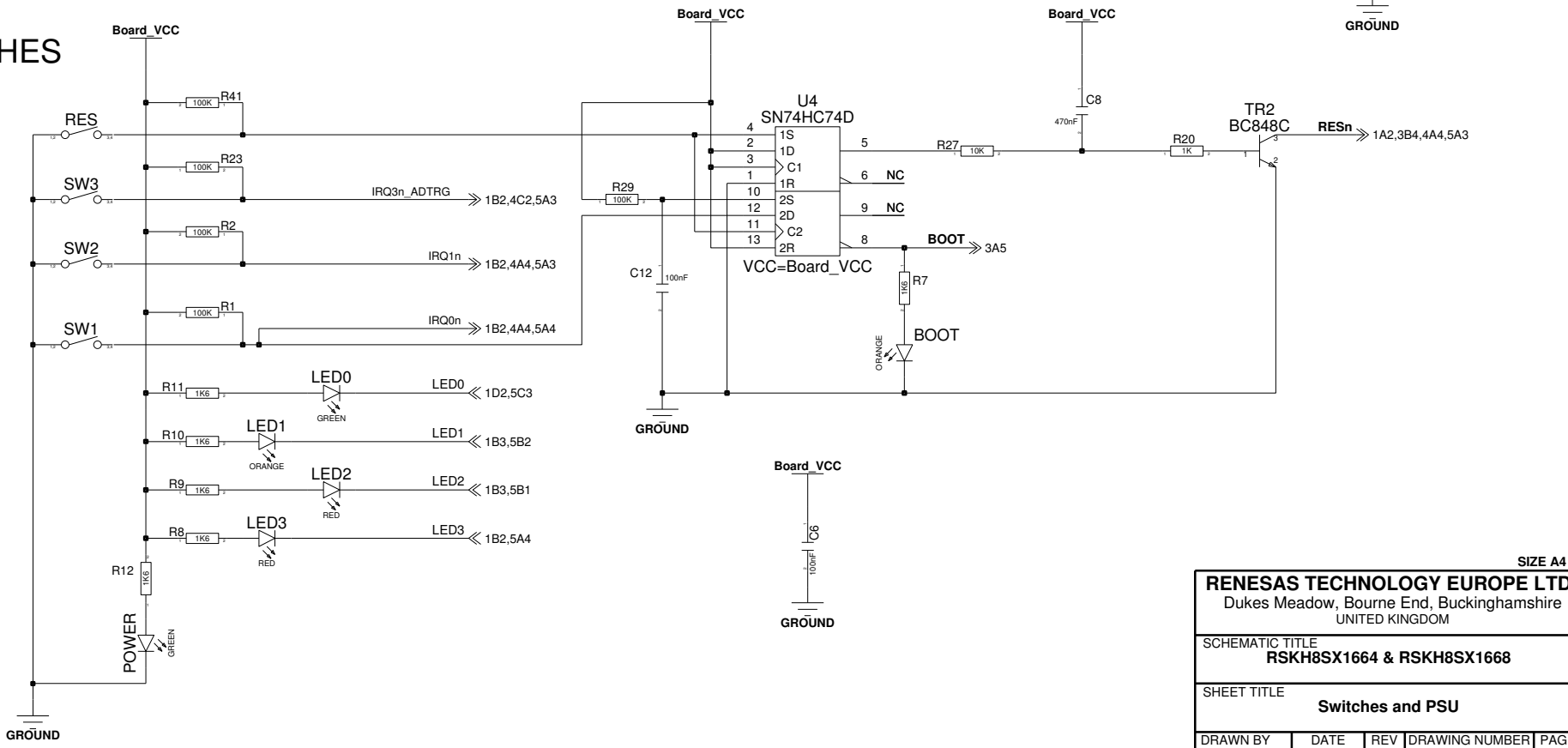
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VSS = 4, 16, 23, 32, 48, 69, 79, 88, 96, 103, 141

SHEET TITLE				
Microcontroller				
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POWER

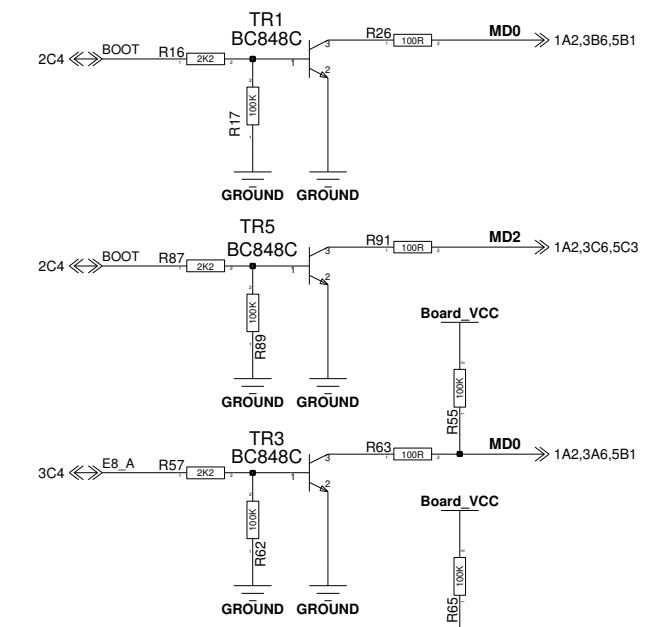
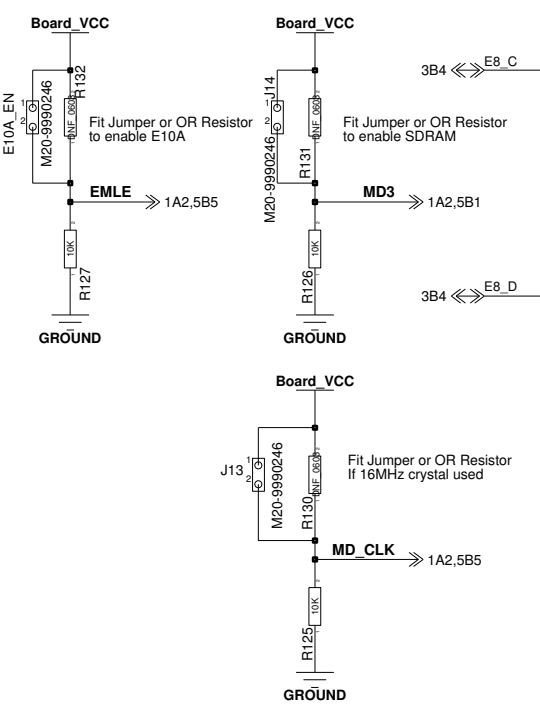
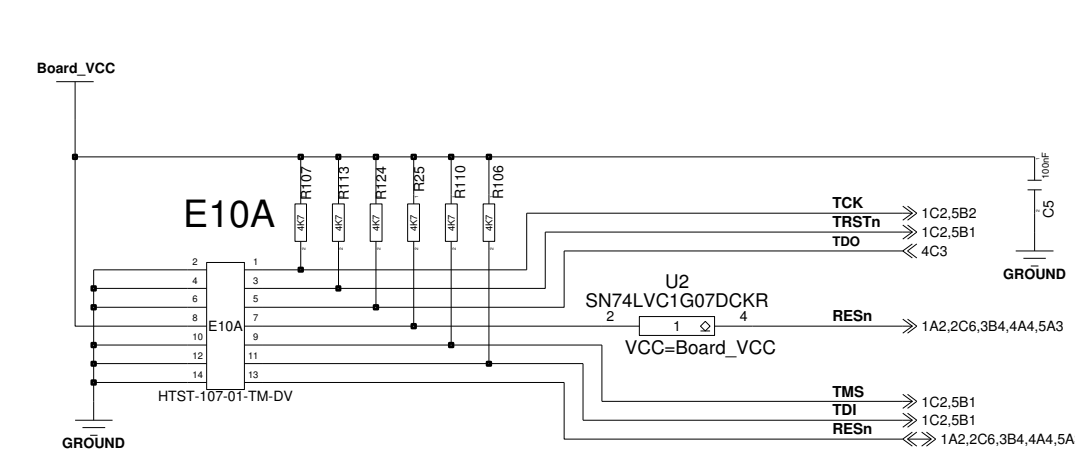
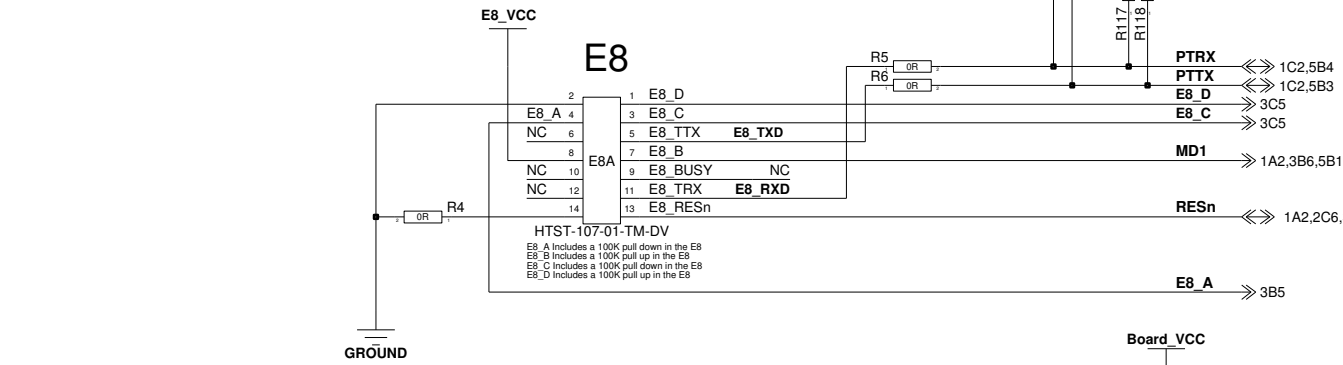
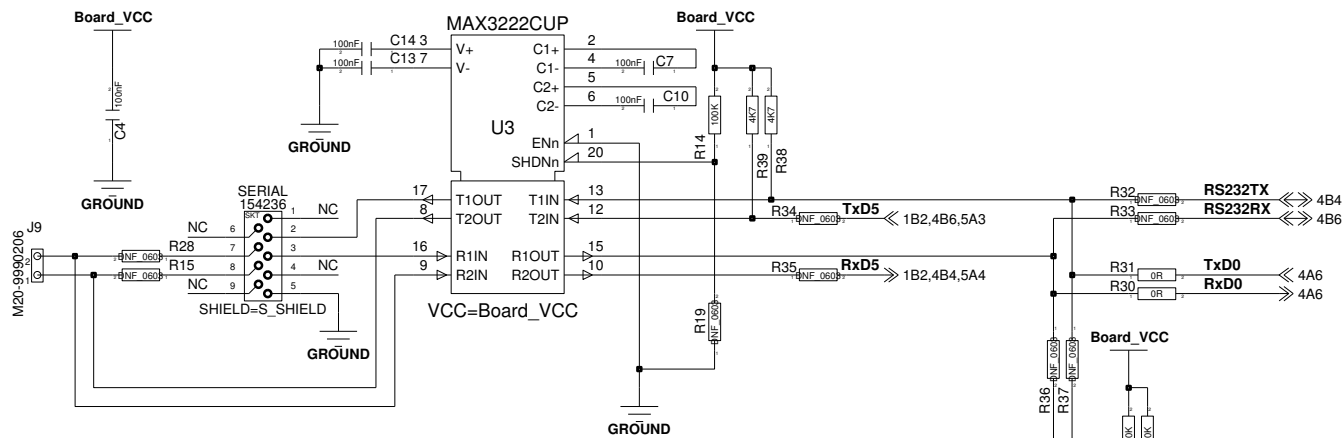


SWITCHES

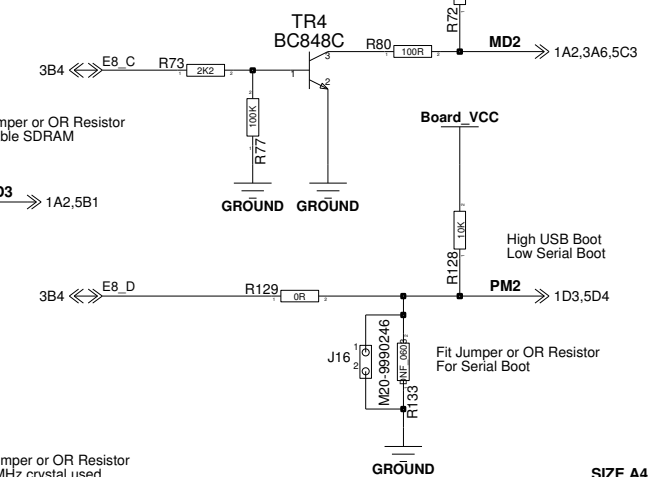


SIZE A4

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Dukes Meadow, Bourne End, Buckinghamshire UNITED KINGDOM				
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SHEET TITLE Switches and PSU				
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MD2	MD1	MD0	Boot Mode
0	1	0	Boot Mode
1	1	1	Single Chip Mode



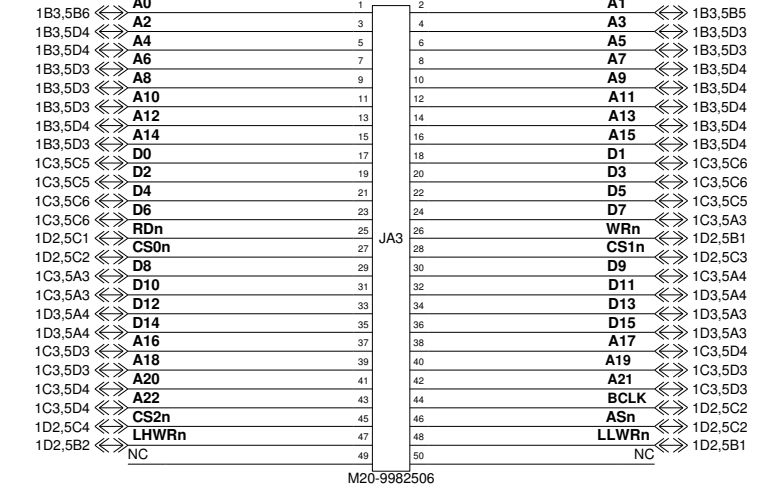
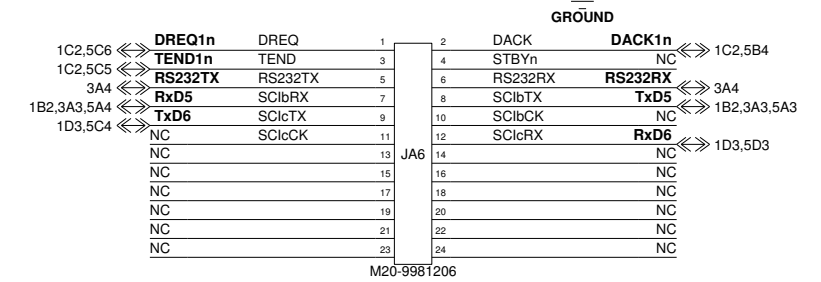
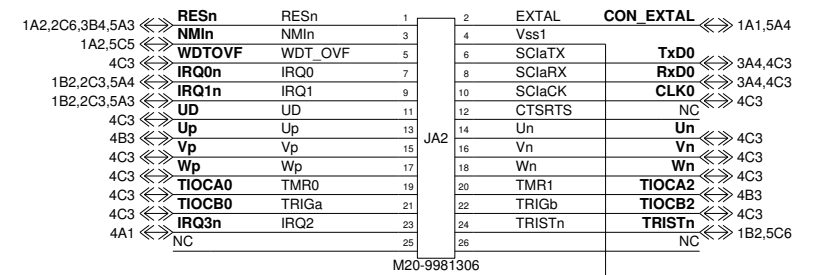
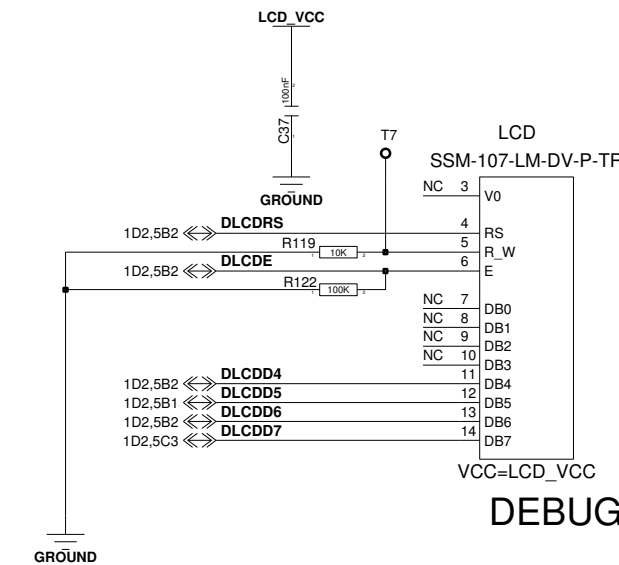
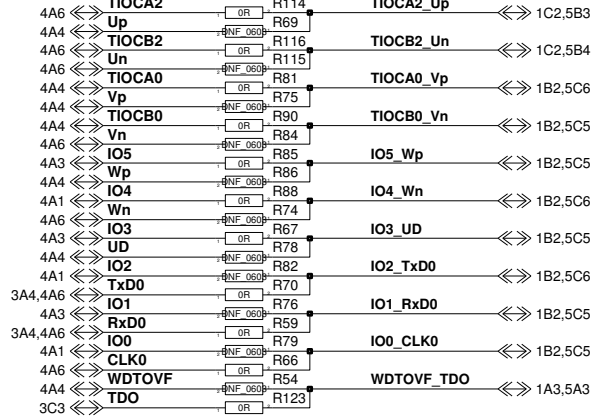
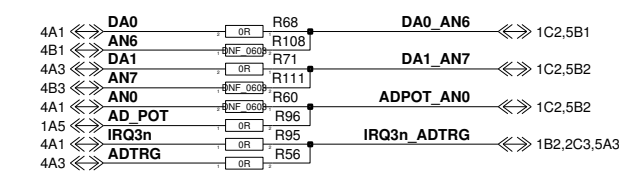
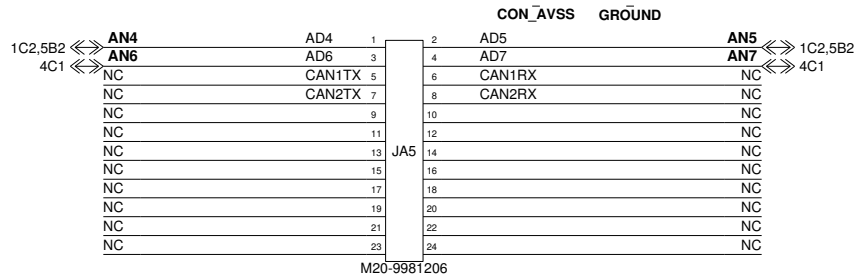
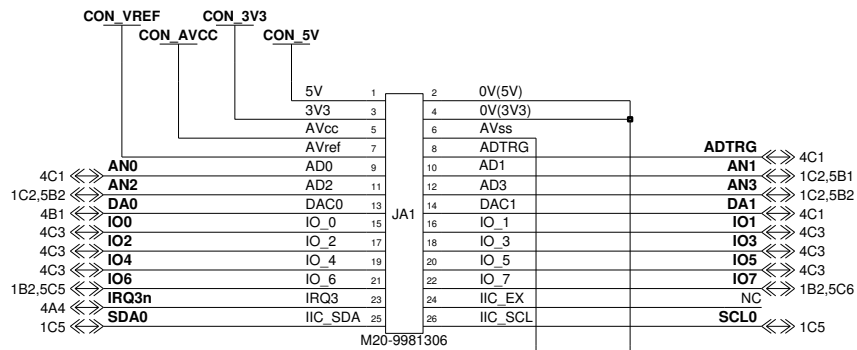
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SCHEMATIC TITLE
RSKH8SX1664 & RSKH8SX1668

SHEET TITLE
E8 & E10A Debug connectors & Serial Port

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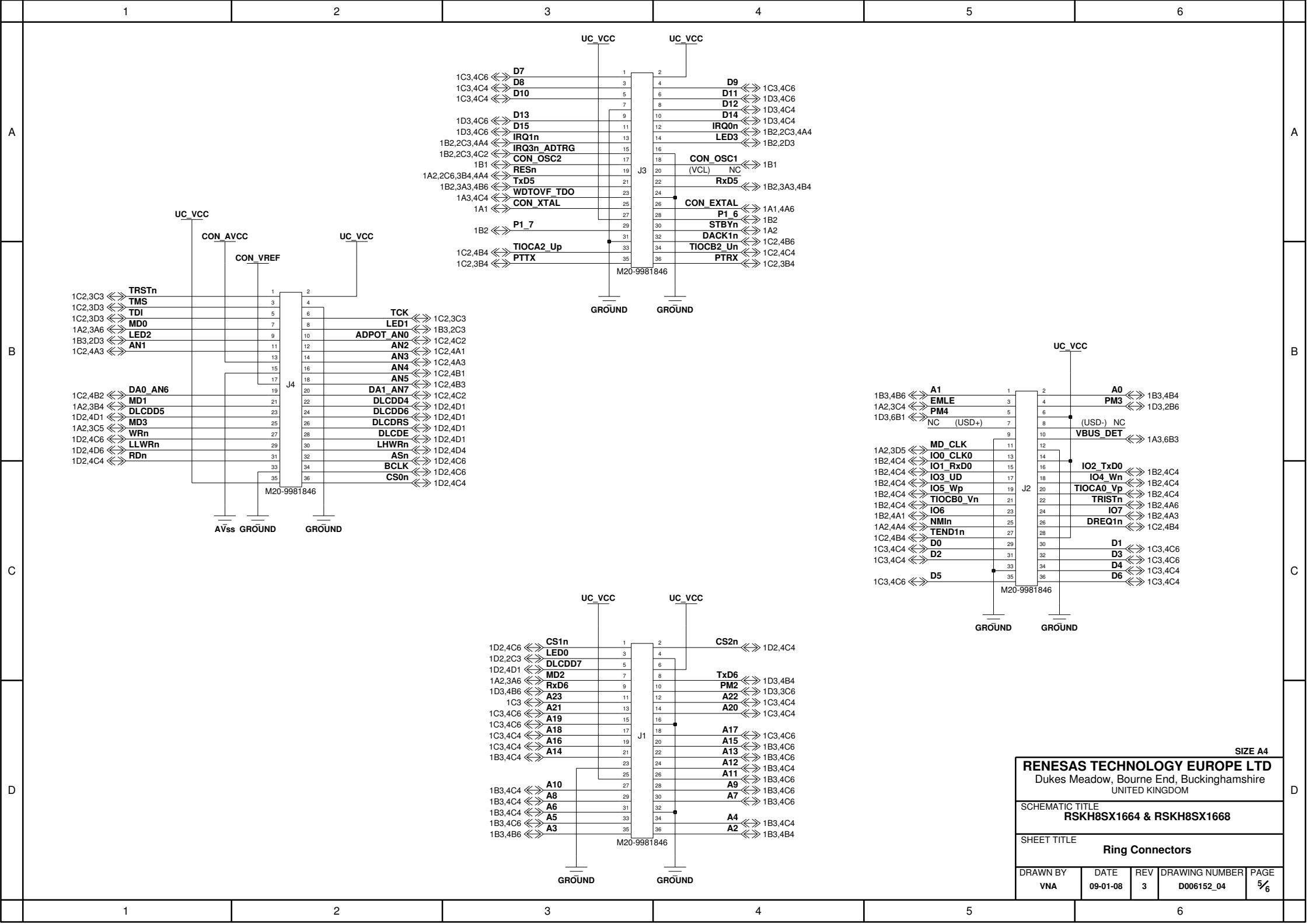
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SHEET TITLE
Application Headers

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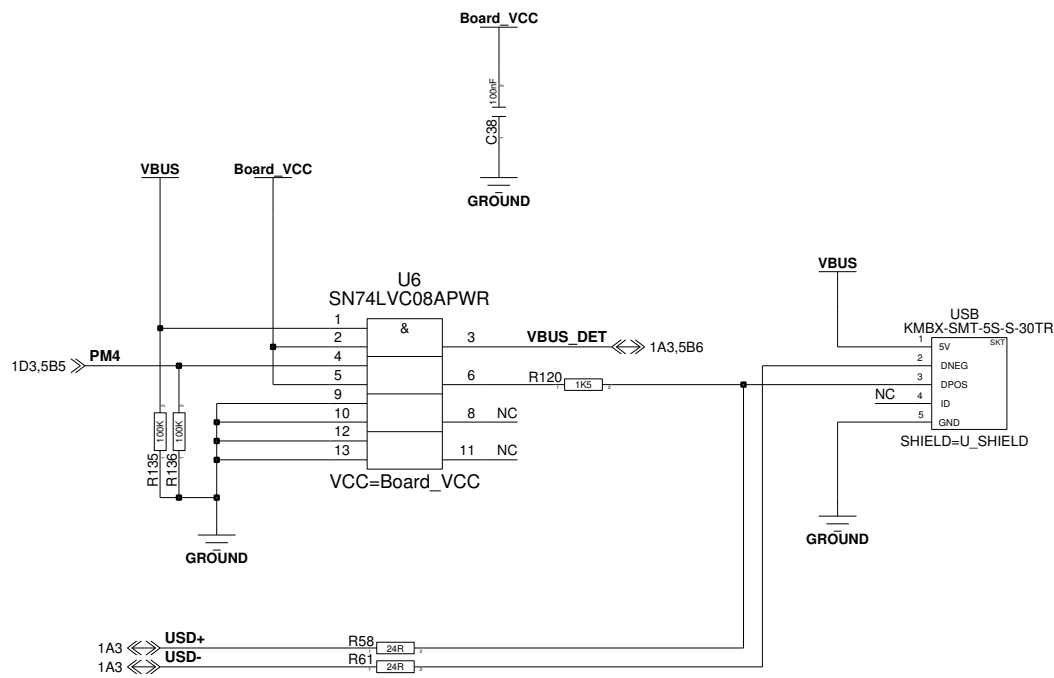
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SHEET TITLE
Ring Connectors

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SCHEMATIC TITLE
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SHEET TITLE
USB

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