

To our customers,

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## Old Company Name in Catalogs and Other Documents

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On April 1<sup>st</sup>, 2010, NEC Electronics Corporation merged with Renesas Technology Corporation, and Renesas Electronics Corporation took over all the business of both companies. Therefore, although the old company name remains in this document, it is a valid Renesas Electronics document. We appreciate your understanding.

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

April 1<sup>st</sup>, 2010  
Renesas Electronics Corporation

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

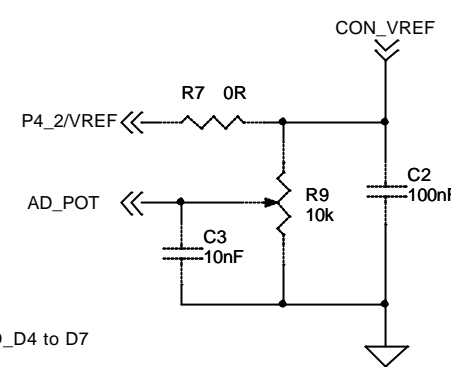
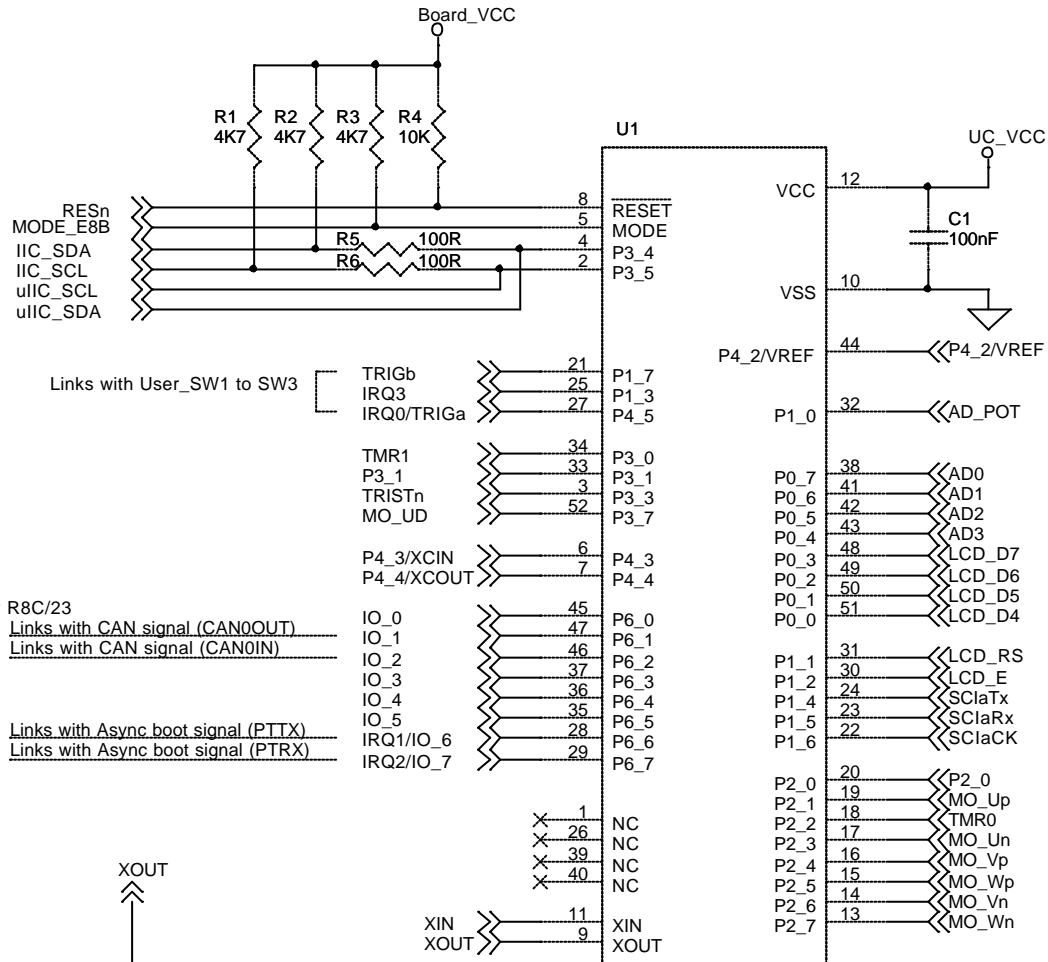
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\* Only R8C/23  
 Links with CAN signal (CAN0OUT)  
 Links with CAN signal (CAN0IN)  
 Links with Async boot signal (PTTX)  
 Links with Async boot signal (PTRX)

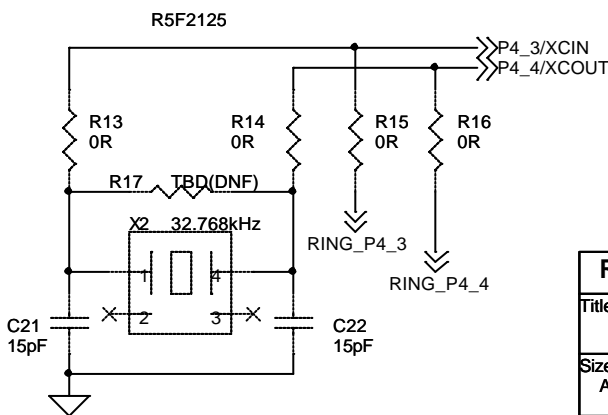
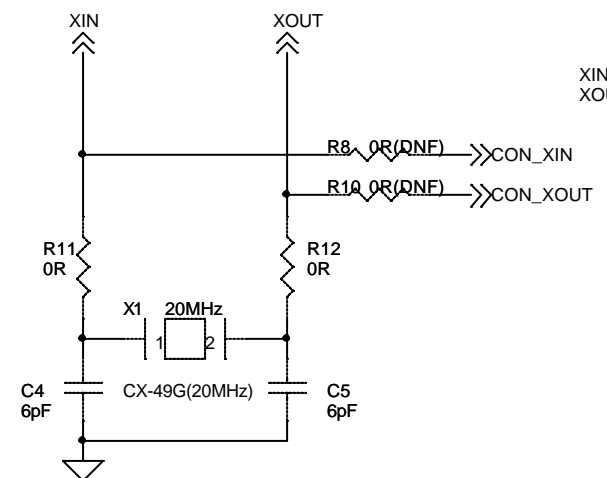
Links with LCD\_D4 to D7  
 Links with LCD\_E, LCD\_RS  
 Links with LIN signal  
 SClATx <--> TXD0  
 SClARx <--> RXD0  
 SClACK <--> NSLP  
 Links with User\_LED0 to LED3

Note1: C1 is decoupling capacitor for U1, U1\_1.  
 Note2: The following materials do not fit in a Mass Production Board.  
 (except sub-clock components)

R8, R10

Note3: sub-clock components FIT or NOT (DNF) status

	X2	C21, C22	R17	R13, R14	R15, R16
R8C/25	Fit	Fit	DNF	Fit	DNF
R8C/23	DNF	DNF	DNF	DNF	Fit

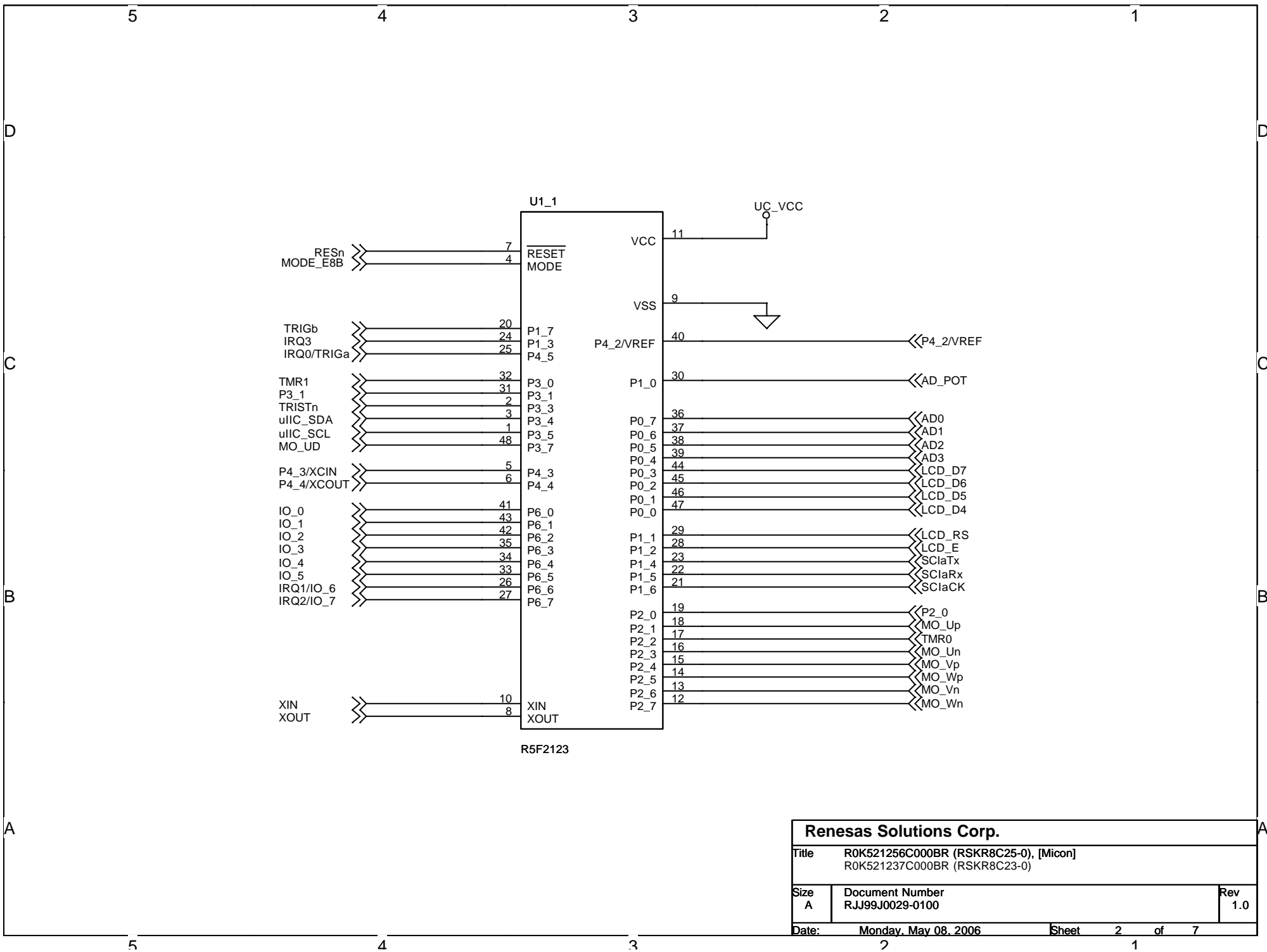


**Renesas Solutions Corp.**

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 R0K521237C000BR (RSKR8C23-0)

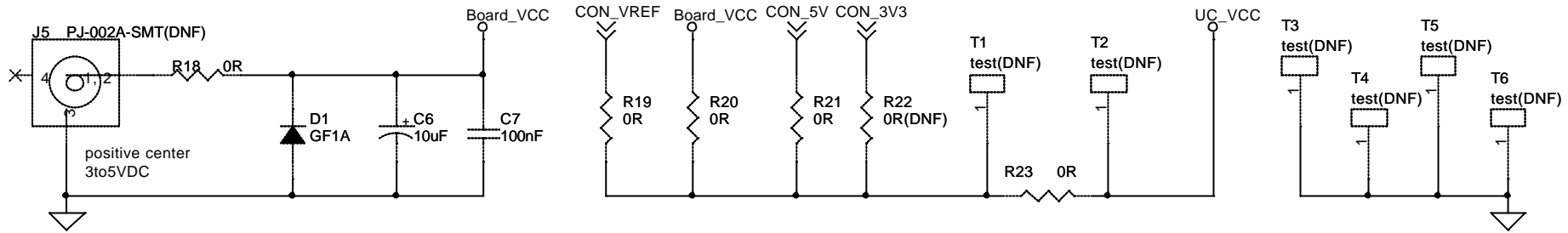
Size A Document Number RJJ99J0029-0100 Rev 1.0

Date: Monday, May 08, 2006 Sheet 1 of 7

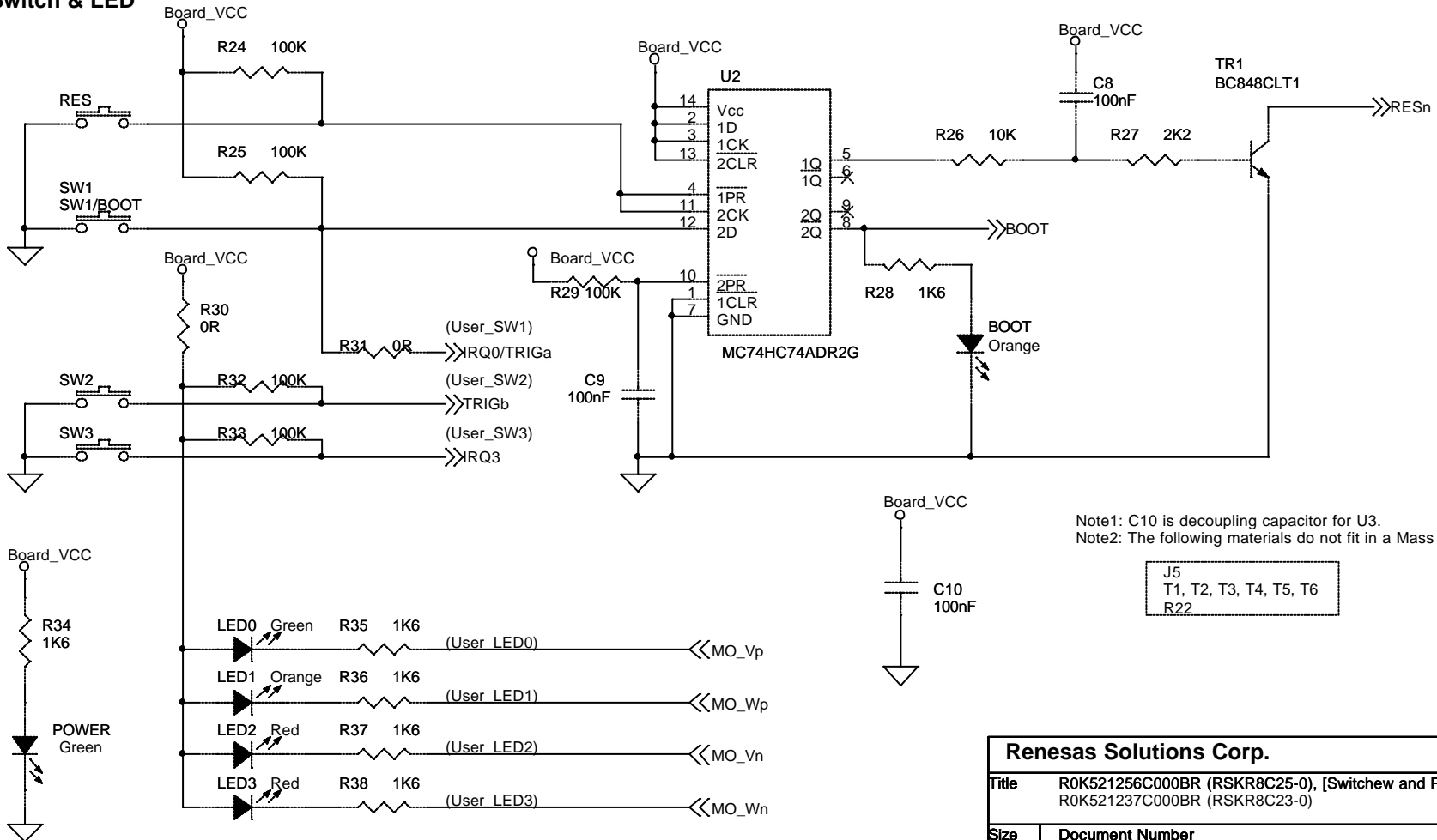


<b>Renesas Solutions Corp.</b>		
Title R0K521256C000BR (RSKR8C25-0), [Micon] R0K521237C000BR (RSKR8C23-0)		
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**POWER**



**Switch & LED**

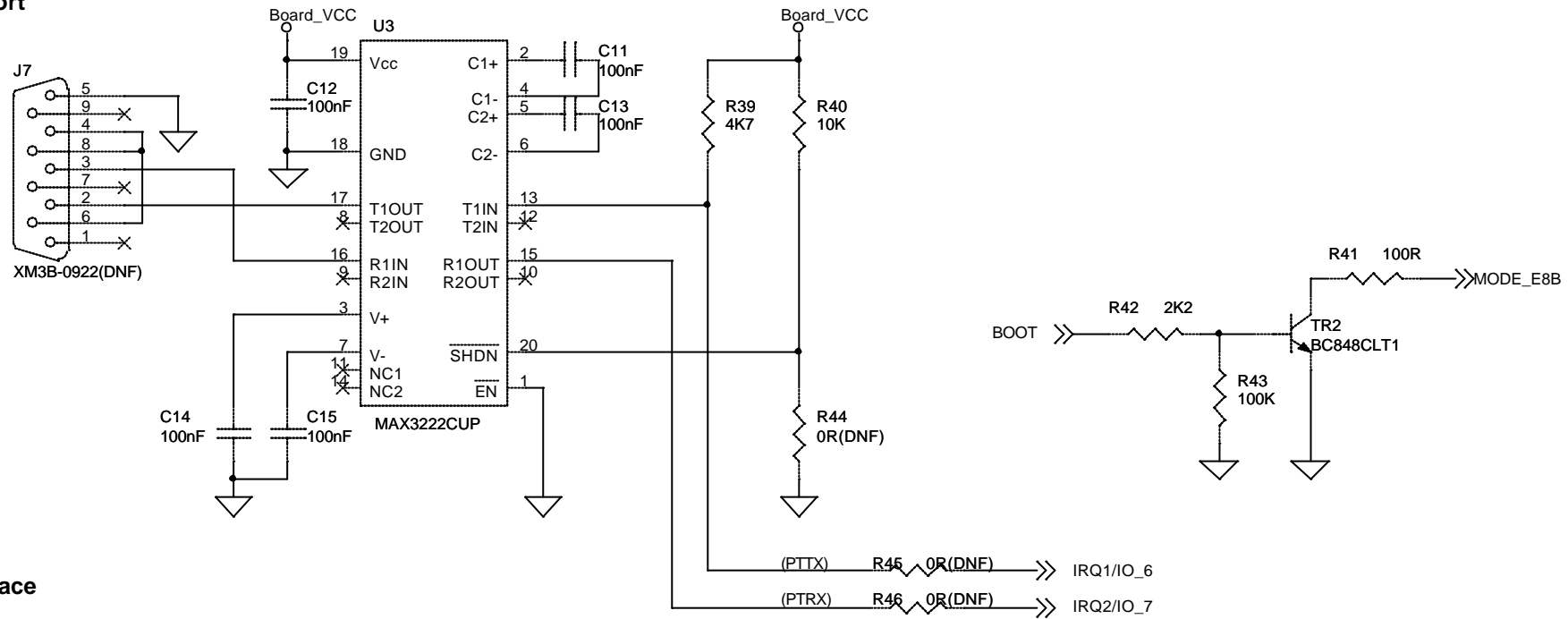


Note1: C10 is decoupling capacitor for U3.  
 Note2: The following materials do not fit in a Mass Production Board.

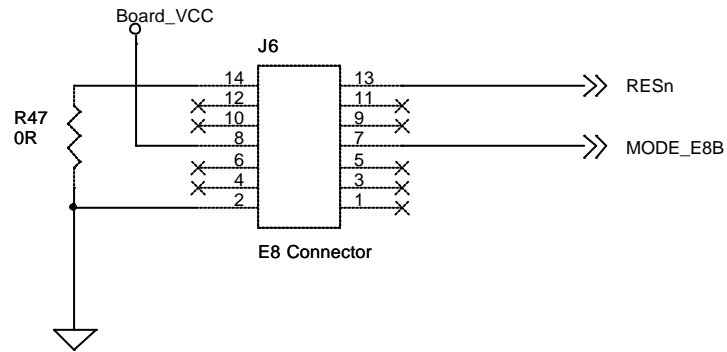
J5  
 T1, T2, T3, T4, T5, T6  
 R22

<b>Renesas Solutions Corp.</b>		
Title R0K521256C000BR (RSKR8C25-0), [Switch and PSU] R0K521237C000BR (RSKR8C23-0)		
Size A	Document Number RJJ99J0029-0100	Rev 1.0
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### Serial Port



### E8 Interface

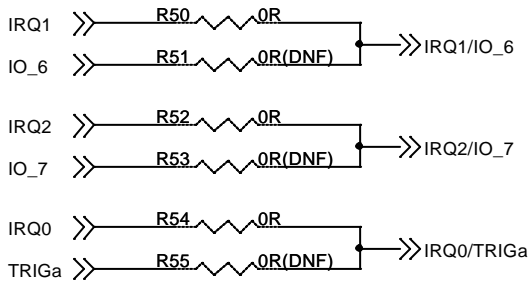
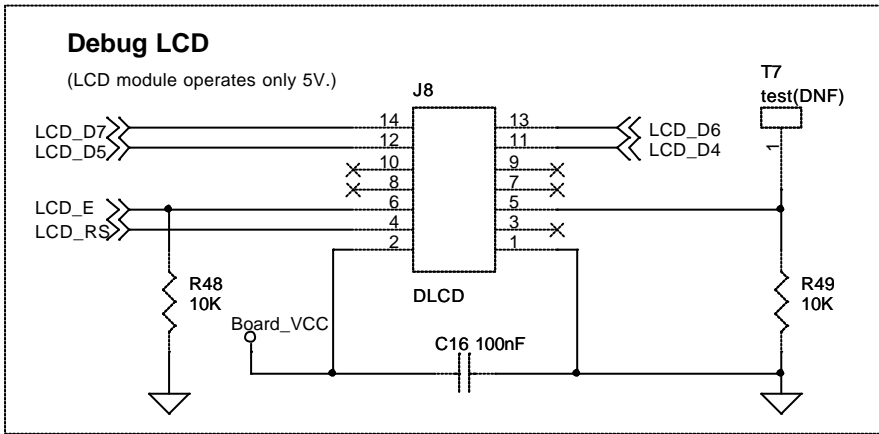
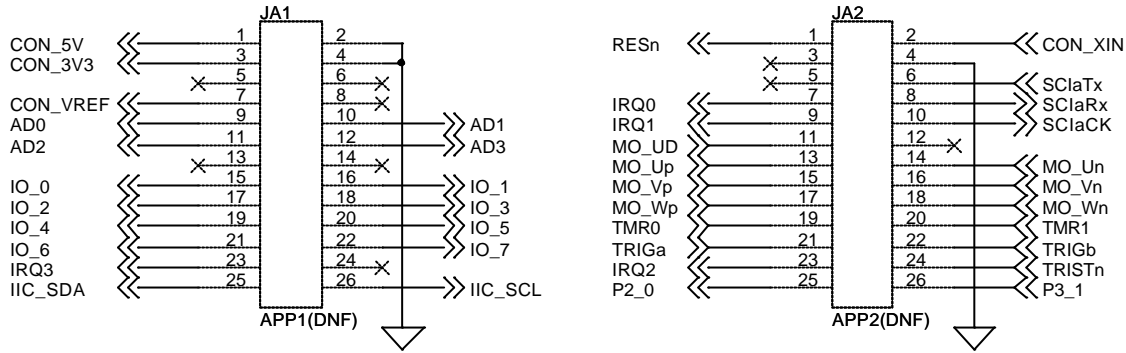


Note1: C12 is decoupling capacitor for U4.  
 Note2: The following materials do not fit in a Mass Production Board.

J7  
 R44, R45, R46

<b>Renesas Solutions Corp.</b>		
Title R0K521256C000BR (RSKR8C25-0), [E8 Debug connector, Serial Port] R0K521237C000BR (RSKR8C23-0)		
Size A	Document Number RJJ99J0029-0100	Rev 1.0
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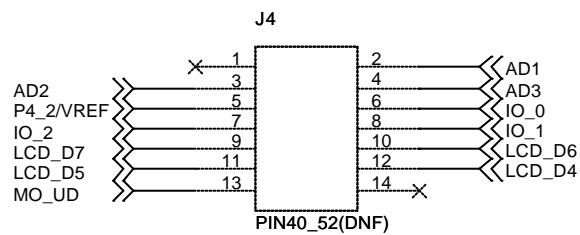
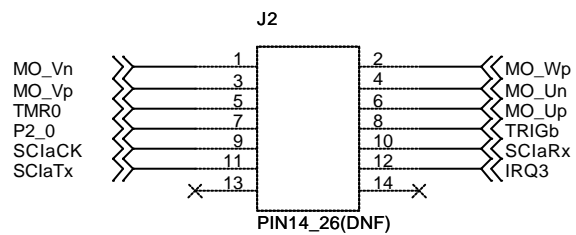
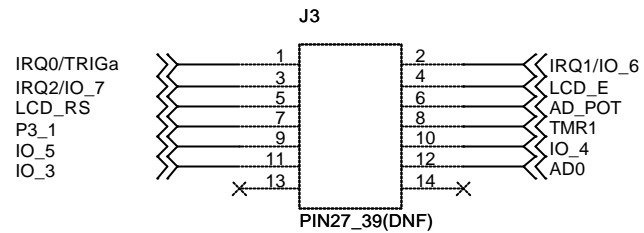
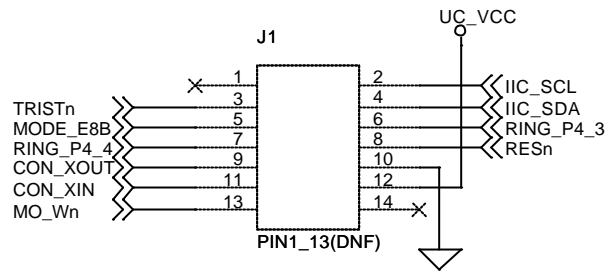
# Application Interface & Selector



Note1: C16 is decoupling capacitor for J8 (LCD Module).  
 Note2: The following materials do not fit in a Mass Production Board.

JA1, JA2  
 R51, R53, R55  
 T7

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Size A	Document Number RJJ99J0029-0100	Rev 1.0
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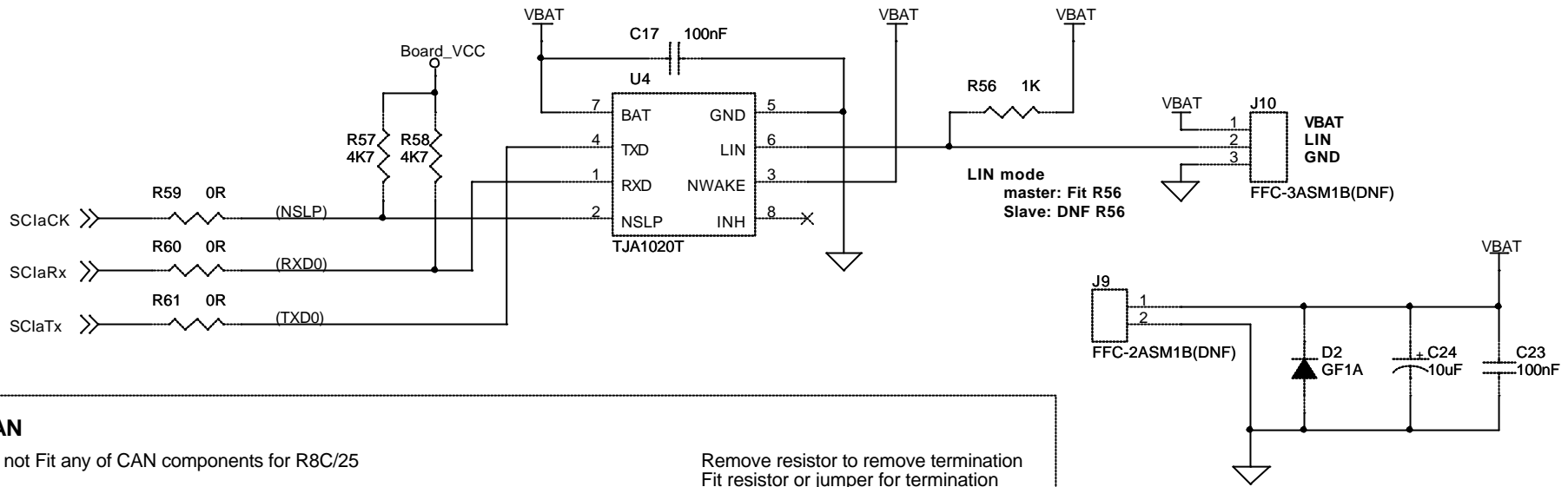
Note: The following materials do not fit in a Mass Production Board.

J1, J2, J3, J4

<b>Renesas Solutions Corp.</b>		
Title R0K521256C000BR (RSKR8C25-0), [RING] R0K521237C000BR (RSKR8C23-0)		
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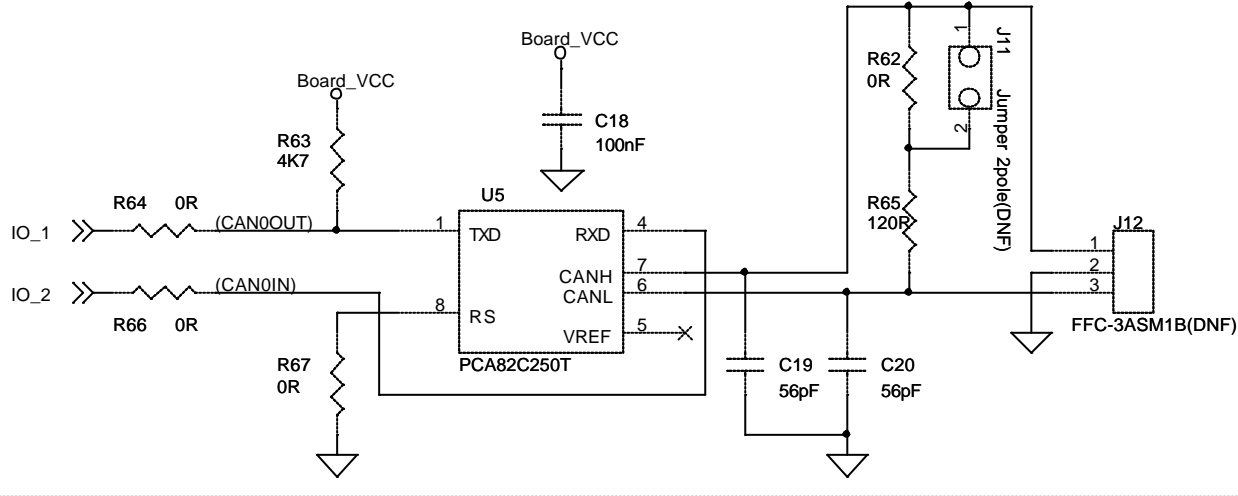
# LIN



# CAN

Do not Fit any of CAN components for R8C/25

Remove resistor to remove termination  
Fit resistor or jumper for termination



Note1: C17 is decoupling capacitor for U4.  
Note2: C18 is decoupling capacitor for U5.  
Note3: The following materials do not fit in a Mass Production Board.  
(except CAN components)

J9, J10

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ROK521237C000BR (RSKR8C23-0)

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