

Renesas Starter Kit for RX113
CPU Board Schematics

REV	REF	DATE	DRAWN BY
1.00	Release	03.12.2014	YOI

PAGE	DESCRIPTION
1	INDEX
2	RX113 Microcontroller
3	PSU, Reset, Switches, LEDs
4	E1 Emulator, MCU Mode Setting, MCU Pin Function Select
5	USB to Serial Interface
6	Application Headers, Header Function Select, Pmod, Pmod Header Function Select
7	IIC EEPROM, LIN
8	USB
9	Microcontroller Pin Headers
10	Appendix (User LCD Power Configurations)

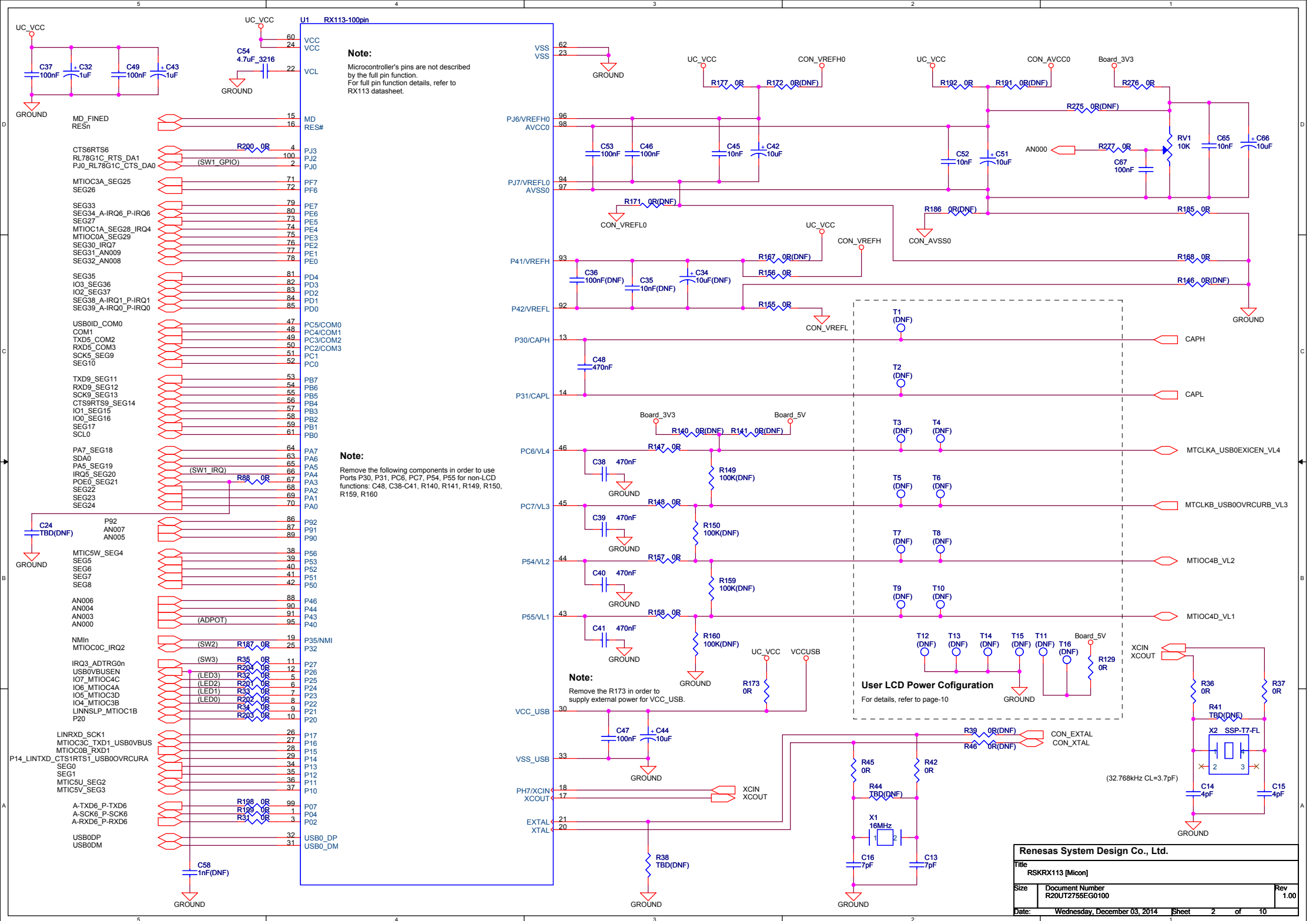
Note:

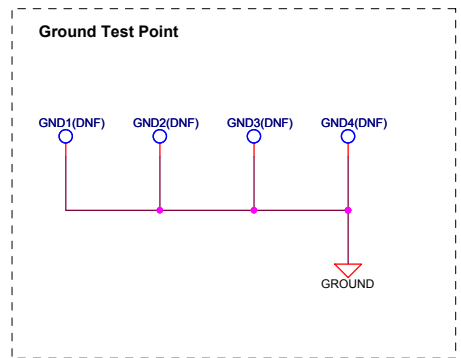
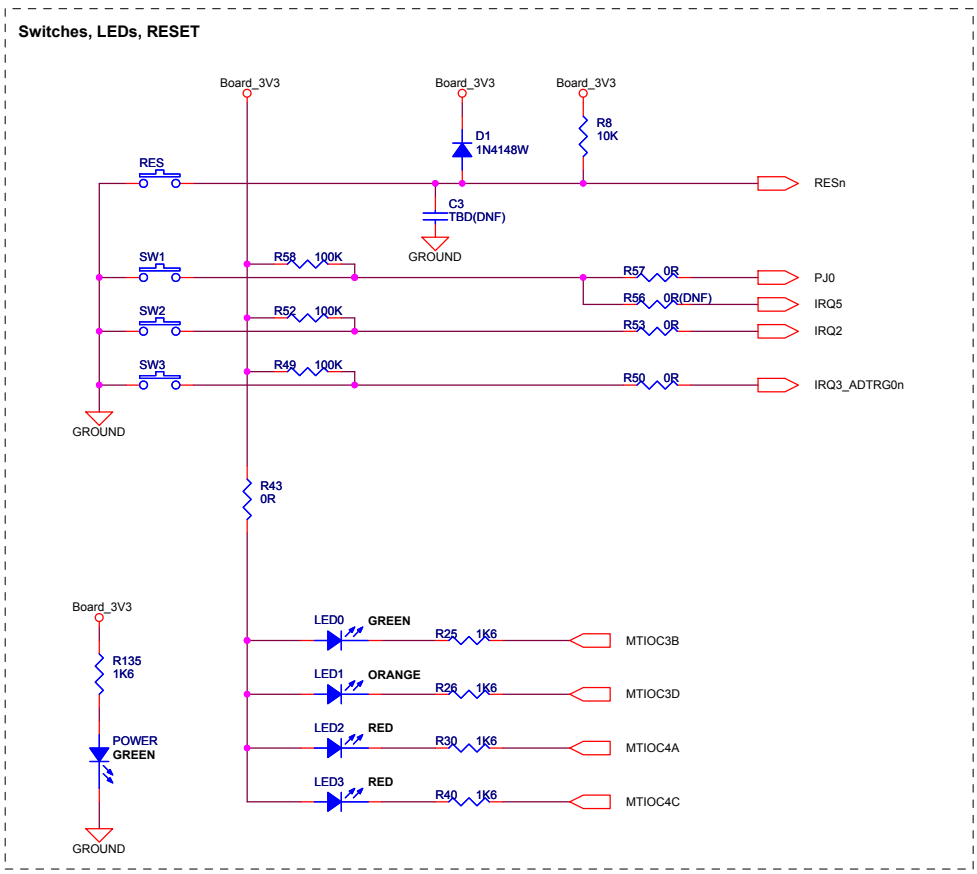
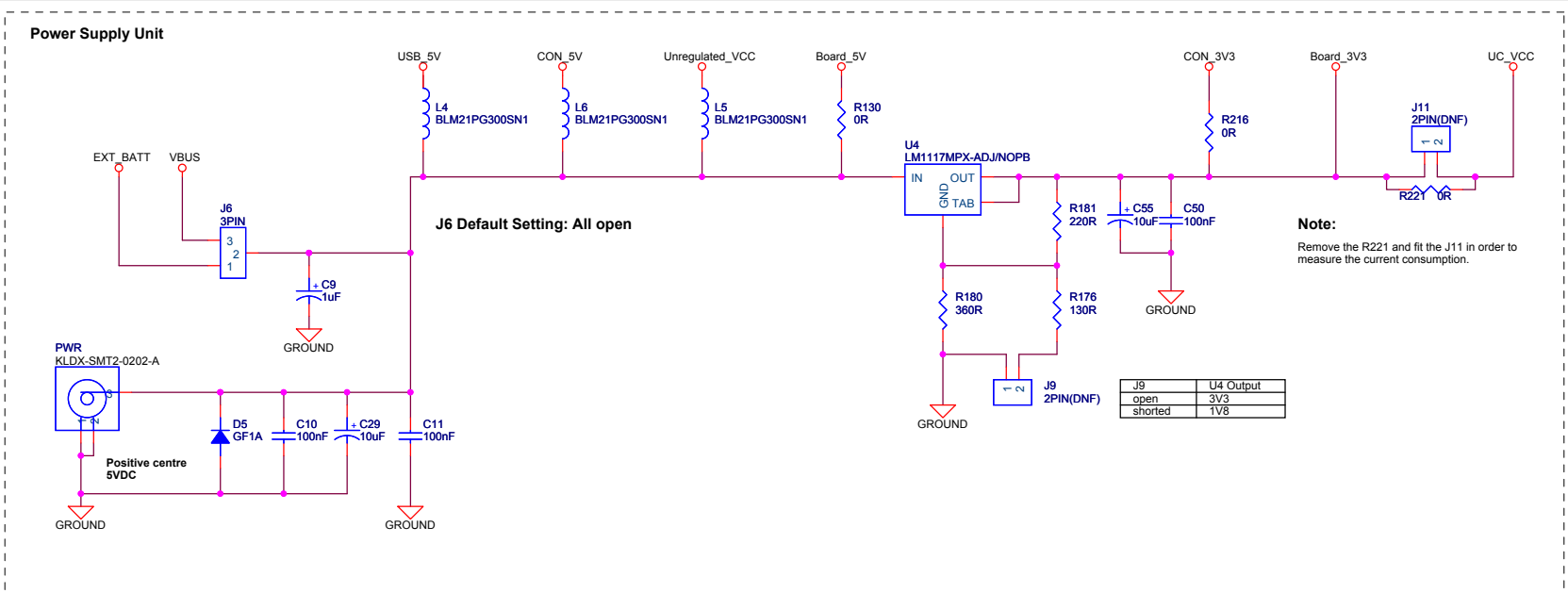
- R : Fixed Resistor
- RV : Potentiometer
- U : Integrated Circuit
- X : Crystal
- RES : Reset Switch
- SW : Switch
- LED : Light Emitting Diode
- PWR : Power Jack
- J : Connector, Jumper

* "DNF" marking means that component
is not fitted by default.

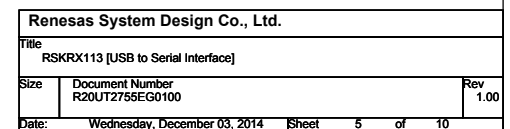
Board Code:

R0K505113C000BE : RSKRX113 MP Board



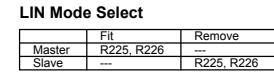
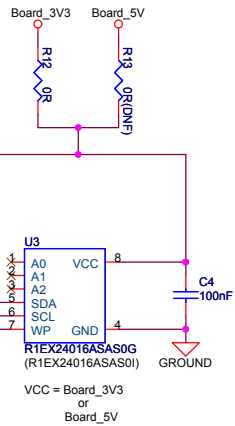


RX113_SCI6

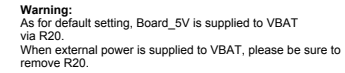


EEPROM only supports single device on bus. To allow external IIC devices two option links R6 and R7 have to be removed.

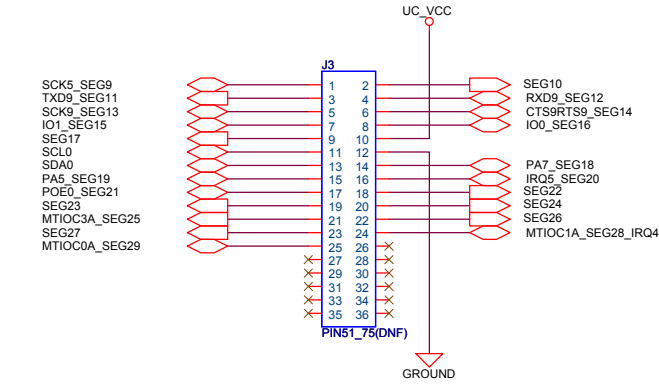
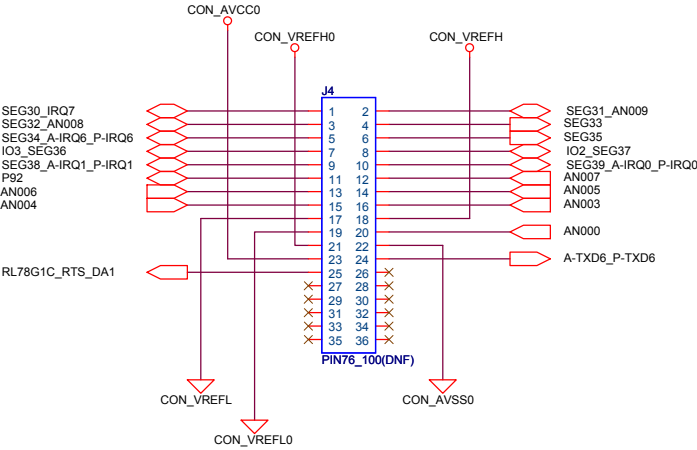
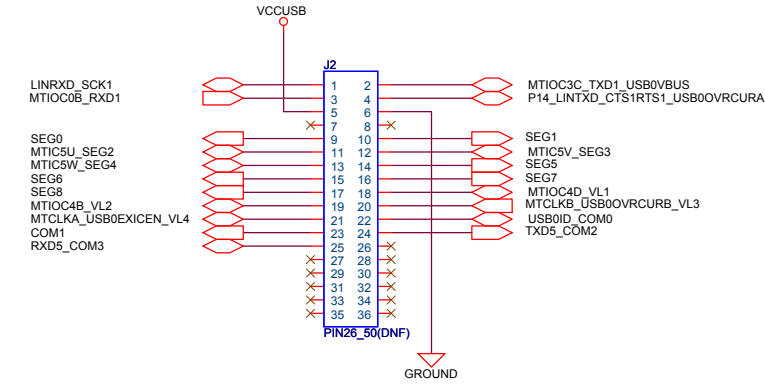
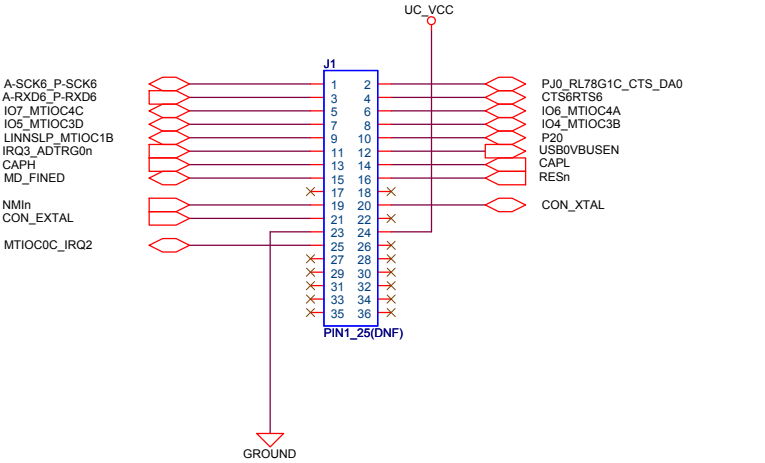
NEVER FIT R12 and R13 simultaneously.



|
 |
 |

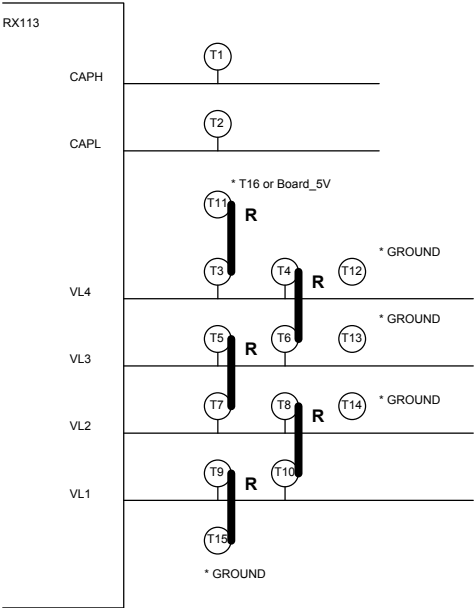


Microcontroller Pin Headers

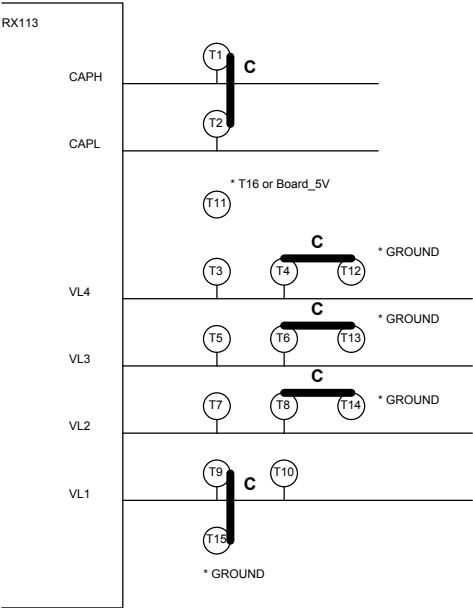


Appendix (User LCD Power Configurations)

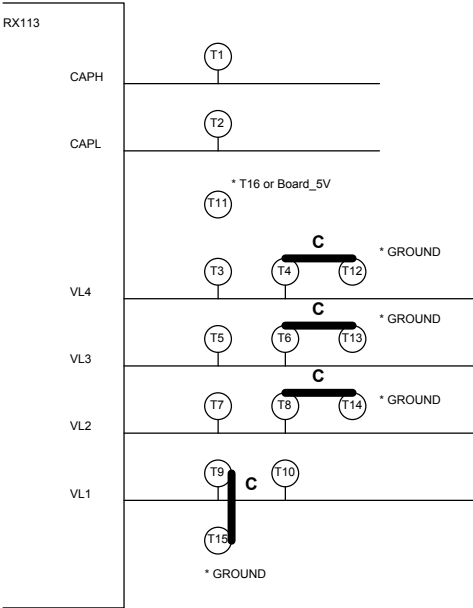
Example-1



Example-2



Example-3



Revision History

REV	DATE	PAGE	DESCRIPTION
1.00	03.12.2014	---	1st Release edition