



CHANGELOG

STM32 EMBEDDED 5" DISPLAY

Rev.1.0
2024-06-25

This document is applied for the Riverdi STM32 embedded 5.0" series:

PRODUCT NAME	DESCRIPTION
RVT50HQSNNW00	IPS, 5.0", 800x480, 1000cd/m ² , STM32, no touch panel,
RVT50HQSFWN00	IPS, 5.0", 800x480, 1000cd/m ² , STM32, no touch panel, metal frame
RVT50HQSNNWC00-B	IPS, 5.0", 800x480, 850cd/m ² , STM32, uxTouch, optical bonding
RVT50HQSNNWC00	IPS, 5.0", 800x480, 800cd/m ² , STM32, uxTouch, air bonding
RVT50HQSNNWCA0	IPS, 5.0", 800x480, 800cd/m ² , STM32, aTouch, air bonding
RVT50HQSFWCA0	IPS, 5.0", 800x480, 800cd/m ² , STM32, aTouch, air bonding, metal frame



1. REVISION RECORD

REV NO.	REV DATE	CONTENTS	REMARKS
1.0	2024-06-25	First Release	



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3. PCB Rev. 1.1

- Removed the R9 resistor
- Added INT and EXT descriptors for soldering pad bridge
- Fixed RS485 connections
- Added CAN wakeup by connecting RX to MCU PWR(PB8-WKUP5) wakeup and connecting STB of CAN Transceiver with MCU GPIO
- Added SDCard CD (card detect) input
- Added 10K pull-down on BL_EN to avoid backlight blinking on system start
- Connected USR_BTN1 to BOOT0 of MCU (previously PJ3)
- Added common mode input filter L17 for EMI performance improvement
- Changed USR_BTN (BOOT) resistors R27 (10K to 1K), R10(10K to 1K), R11 DNM