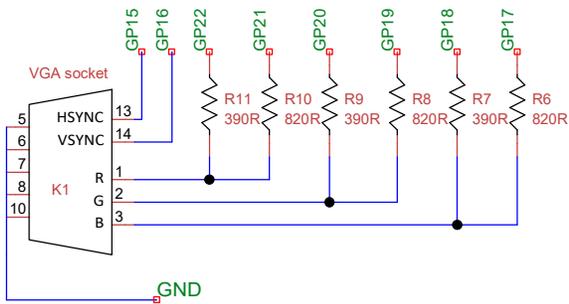
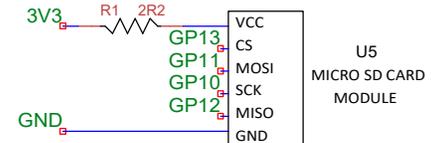
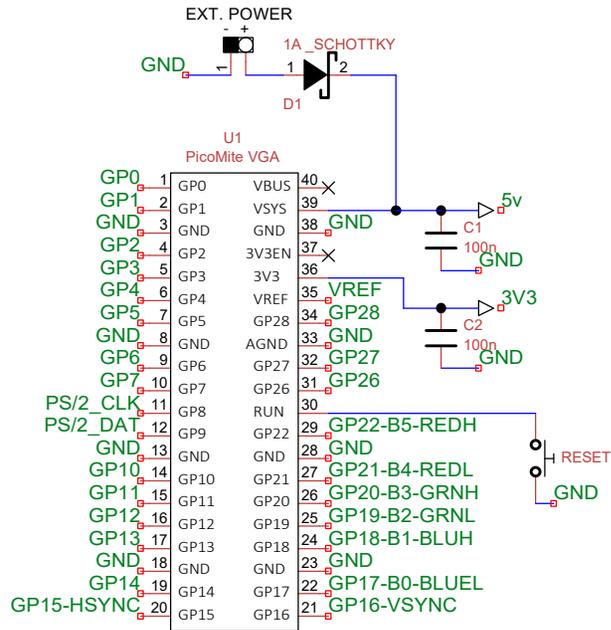


U4
LEVEL SHIFTER

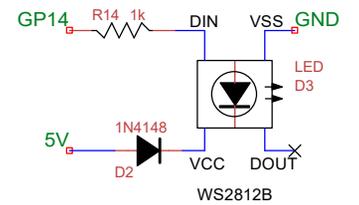
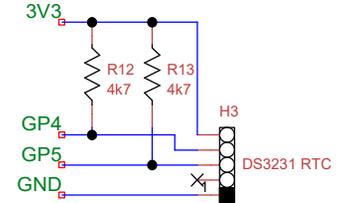
Note: 2N7000 will usually work and has same pinout. BS170 will work, but 1 and 3 are reversed.



Note: Normal supply is 5V via USB on PicoMite. Both supplies can be connected simultaneously.



Note: This module contains decoupling capacitors



Configuration

Use the Standard PicoMiteRP2350 firmware, not the VGA version.
V6.01.00RC23 or later.

OPTION LCDPANEL VGA222_640 GP15, GP17
OPTION SYSTEM I2C GP4, GP5
OPTION RTC AUTO ENABLE
OPTION SDCARD GP13, GP10, GP11, GP12

Alternative video drivers are VGA222_320,
VGA222_720 and VGA222_360

Title PicoStick VGA222	
Author Mixtel90	
File Z:\Computing\0_PicoM ... PicoStick VGA222.dsn	
Revision 0	Date 11 March 2026

Peter Mather
Document
Sheets 1 of 1