

LEGEND

POWER
GROUND
MCU pin
PIN NAME
12-bit ANALOG
USB
USART
SPI
I ² C
CAN BUS
SWD
JTAG
TIMER & CHANNEL
MISCELLANEOUS
BOARD CIRCUITRY
ARDUINO PIN

⚠ PC_13, PC_14, and PC_15:
 - sink < 3 mA
 - source 0 mA
 - max 2 MHz
 - max 30 pF

● 3.3V only pin
 ● 5V tolerant
 ~ PMW pin
 ~ Alternative function
 --- function

≤ 300mA source 3.3V
 ≤ 1A from USB (1N5819)
 ≤ 6V V_{IN}

Max 150 mA per MCU
 Max ±20 mA per pin
 ±8 mA recommended

BluePiLL+

STM32F103C8T6-based development board
 72Mhz, 20KB RAM, 64KB ROM

STM32F103 PINOUT DIAGRAM

