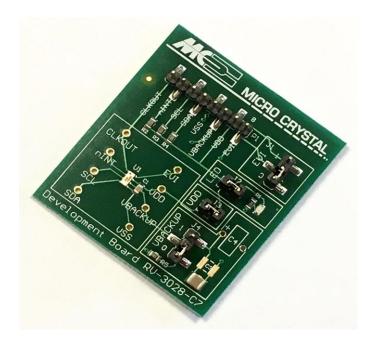


RV-3028-C7 Development Board

ZLOPMENT BO



Extreme Low Power RTC Module

DATE: April 2018 Revision No.: 1

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RV-3028-C7

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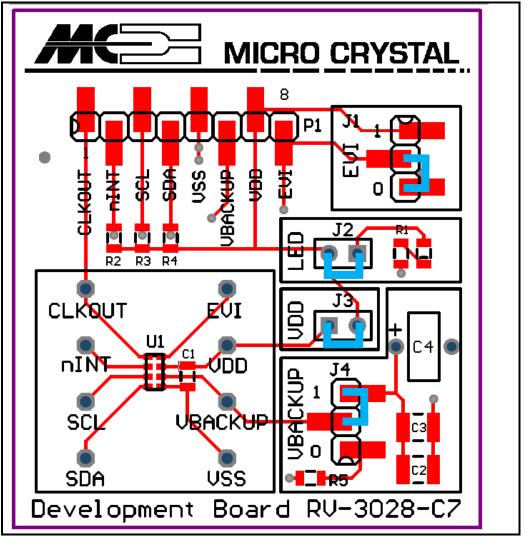
The RV-3028-C7 is soldered onto the Development Board.

Every pin is accessible at test pins 1 – 8 and at the test vias situated around the device.

The following passive components are already soldered on the board:

C1	10 nF	Decoupling capacitor between V_{SS} and V_{DD}
C2	100uF	Capacitor for Back-up power
C3, C4		Option, to place alternative capacitors or battery for back-up power
R1	330Ω	Current limiting resistor for LED
LED1	green	Supply, current consumption of the LED has to be considered, J2 to switch off
R2	10 kΏ	Pull-up resistor INT to V _{DD}
R3	10 kΏ	Pull-up resistor SCL to V _{DD}
R4	10 kΏ	Pull-up resistor SDA to V _{DD}
R5	10 kΏ	Pull-down resistor to define V _{BACKUP} input in case it is not used

DEVELOPMENT BOARD



JUMPER 1

EVI = HIGH

EVI = LOW

JUMPER 2

LED

JUMPER 3

VDD, CURRENT MEASURMENT

JUMPER 4

SUPERCAP

SET INPUT TO VSS