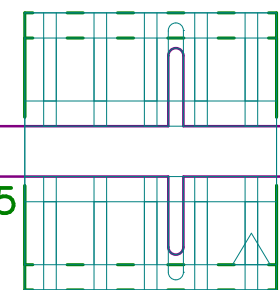


RoHS
Compliant



.GTM14

Top view of the MB2095C module. The module features a central circular component (likely a lens or sensor) surrounded by various electronic components including integrated circuits (U1, U7, U8, U9, U10, U11), capacitors (C23, C25, C26, C27, C28, C29, C30, C32, C33, C34), resistors (R24, R25, R26, R27, R28, R30, R31, R32, R33, R34, R35, R36), and connectors (CN7, TP8). The module is labeled with 'MB2095C' and 'B7'. A pin header at the top lists pins 1 through 20 with labels: 1, 5V, USB, VDD, INA, PA4, OUTA, PC0, INB, PA5, OUTB, PC1, PB6, PB7, PB8, PB9, PB1, GND. A coordinate system (x, y, z) is shown near the center. The QWILC logo is visible in the bottom right corner.

MB2095C

SB8 SB9

VCC

GND

TX Module

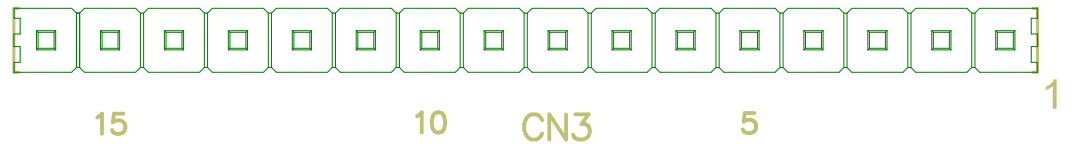
RX Module

STM32

E

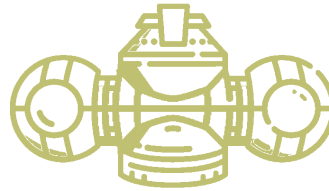
E

Mid-Overlay Assembly



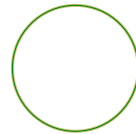
Sensors Board

- U7 – VL53L4CX (52h/53h)
- U8 – LIS2DU12 (32h/33h)
- U9 – STHS34PF80 (B4h/B5h)



NAQUADA

NAQUADA



CUBECZ



sparkfun.
START SOMETHING

MicroMod



M2/ST Extension

USB Device
Debug In / LDO



