The module signal ground contacts, VeER and VeET, should be isolated from the module case.
U16 I2C adress patched to: A1 = 1110010x

U33 I2C adress patched to: A2 = 1010001x
J12 3.3V VIO

TCK

C D

A B

E F

G

GND

GND

GND

J30

Pin 2 J30 patched to 3.3V

Pin 2 J30 patched to 3.3V