## IMU MODULE v0.1 Designer: Alvaro Ferrán 3.3V 3.3V JP1 3.3V 3.3V 3.3V SJ1 I2C GND GND RST SCL/RX BOOT SDA/TX INT XIN XOUT BOOT XIN PS0 XOUT PS1 CAP GND C1 100nF CONNECTORS GND GND C5 22pF 3.3V 3.3V 3.3V Q1 <u>CFPX-217</u> XOUT C4 C6 22pF 100nF 120nF GND OPTIONAL: GND GND GND By default the internal oscillator is selected, in order to use it with an external one the CLK\_SEL bit must be set in the SYSTEM\_TRIGGER register. IMU OSCILLATOR TITLE: Sensor REV: **Document Number:** Date: 26/8/15 19:24 Sheet: 1/1

