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Bitcraze AB

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File: multi-ranger.sch

	lie 2.0 Multi—ranger deck

	Size: A4	Date: 2018-03-21		Rev: E	1
	KiCad E.D.A. kid	icad 4.0.7-e2-6376 <u>58</u> ubuntu16.04.1		ld: 1/1	1
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Sensor 1: Up

SDA 10 SCL 5 XSHUT GPI01

VCC

VCC_VCSEL

VL53L1X

1

GND

GND GND GND GND_VCSEL

GND

Please note the following about the Crazyflie expansion connectors:

* VCOM is always on power directly from the battery/USB and is not regulated

* VCC is only on when the system is on and is regulated to 2.8V

* VUSB is connected directly to the USB which means this will supply at 4.5-5.5V when the USB is connected and can be used for charging the battery when the USB is not connected

SCL

VCC

GND

XSHUT1

GND GND