SENSING SUBSYSTEM SHT30-ARP-B2.5KS- ANALOG TEMPERATURE AND HUMIDITY SENSOR SGP30-2.5K- DIGITAL TVOC AND CO2 SENSOR +3.3V R2 R1 1K 1K +3.3V PWR_FLAG PWR_FLAG IC1 SHT30-ARP-B2.5KS GND C1 PCO VSS GND R_3 100nF SGP30-2.5K 100uF NRESET VDD 5 VDDH ± 100nF GND R3 > PC1 10K C2 100uF PB7 VSS 2 PB6 GND GND PWR_FLAG Author: Kingsley Macebele Student number: MCBTIN001 University of Cape Town Sheet: / File: SENSING_SUBSYSTEM.kicad_sch Title: Sensing Subsystem Schematic Date: 2022-03-10 Size: A4 Rev: v2 KiCad E.D.A. eeschema (6.0.2) ld: 1/1