Revision History

Rev	Changed by	Date	Change description	Reviewed By	Approved By
PA1	BAR	2023-11-29	Introduced design		
RA1	BAR	2023-12-14	Ready for release.		
RA2	BAR	2024-03-12	Nets SCL and SDA fixed.		
RA3	BAR	2024-05-13	Added diode for I2C pull-ups.		

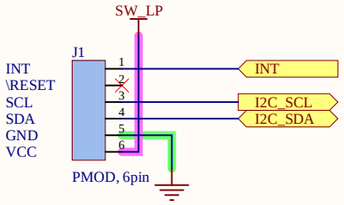
Project Template: 42-xxxx-yy-zz Project.PrjPcb-RA3
Schematic Template: Svep Schematic Template A3.SchDot-RA6
PCB Template: 44-xxxx-yy-zz Layout 4L.PcbDoc-RA3
OutJob Template: 46-xxxx-yy-zz Svep Output 4L.OutJob-RA3

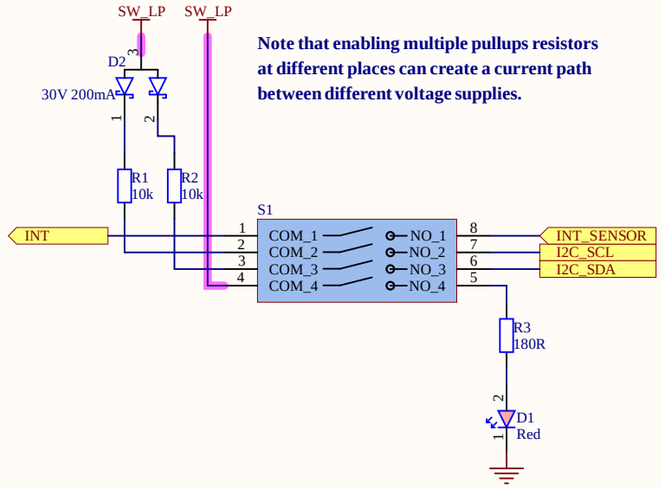
©2021 Svep Design Center AB Contact: info@svep.se

Customer	Drawn by	Revision
Nanopower	BAR	RA3

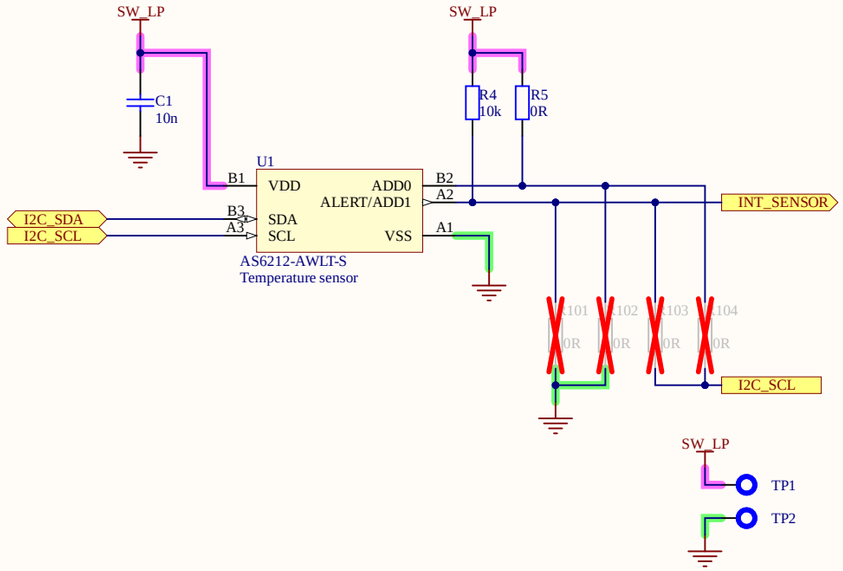
Project	Document number	Release date
Sensor board I2C	1924-01-03	2024-05-13

Module	Variant	Sheet name	Sheet
03	Main	Cover sheet	1 of 2





Note that enabling multiple pullups resistors at different places can create a current path between different voltage supplies.



FID1 0.5-1

FID2 0.5-1

Project Template:	42-xxxx-yy-zz Project.PrjPcb-RA3
Schematic Template:	Svep Schematic Template A3.SchDot-RA6
PCB Template:	44-xxxx-yy-zz Layout 4L.PcbDoc-RA3
OutJob Template:	46-xxxx-yy-zz Svep Output 4L.OutJob-RA3

©2021 Svep Design Center AB Contact: info@svep.se

Customer: Nanopower		Drawn by: BAR	Revision: RA3
Project: Sensor board I2C	Document number: 1924-01-03	Release date: 2024-05-13	
Module: 03	Variant: Main	Sheet name: Sensor	Sheet: 2 of 2