

Cover Page

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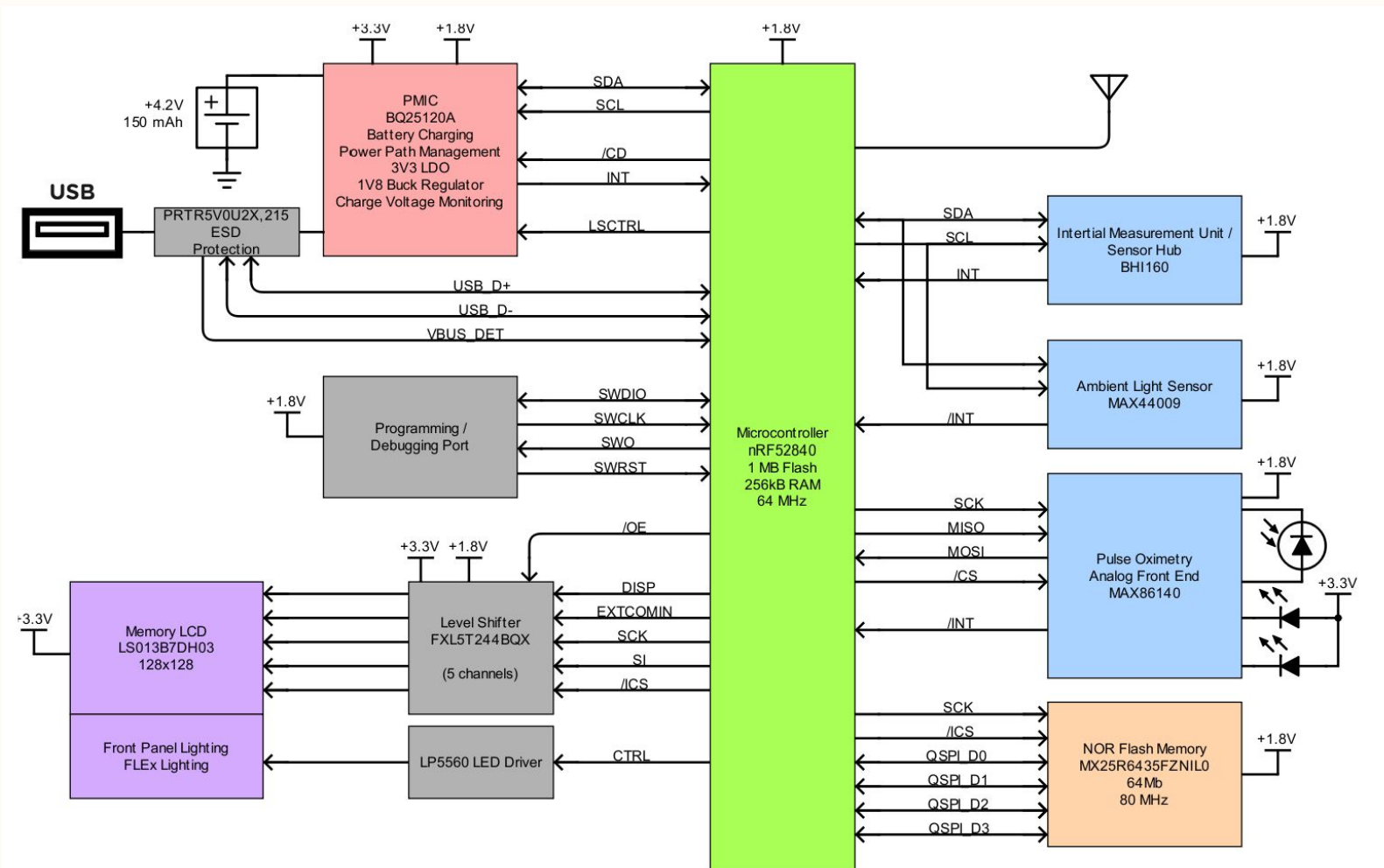
SHEET	TITLE
S01	Cover Page
S02	Block Diagram
S03	Power Management
S04	Microcontroller and Memory
S05	Display
S06	Sensors

REVISION INDEX

REV	DATE	PAGES	BY	CHANGES
01	04-02-2019	All	Daniel De Sousa	Initial Design

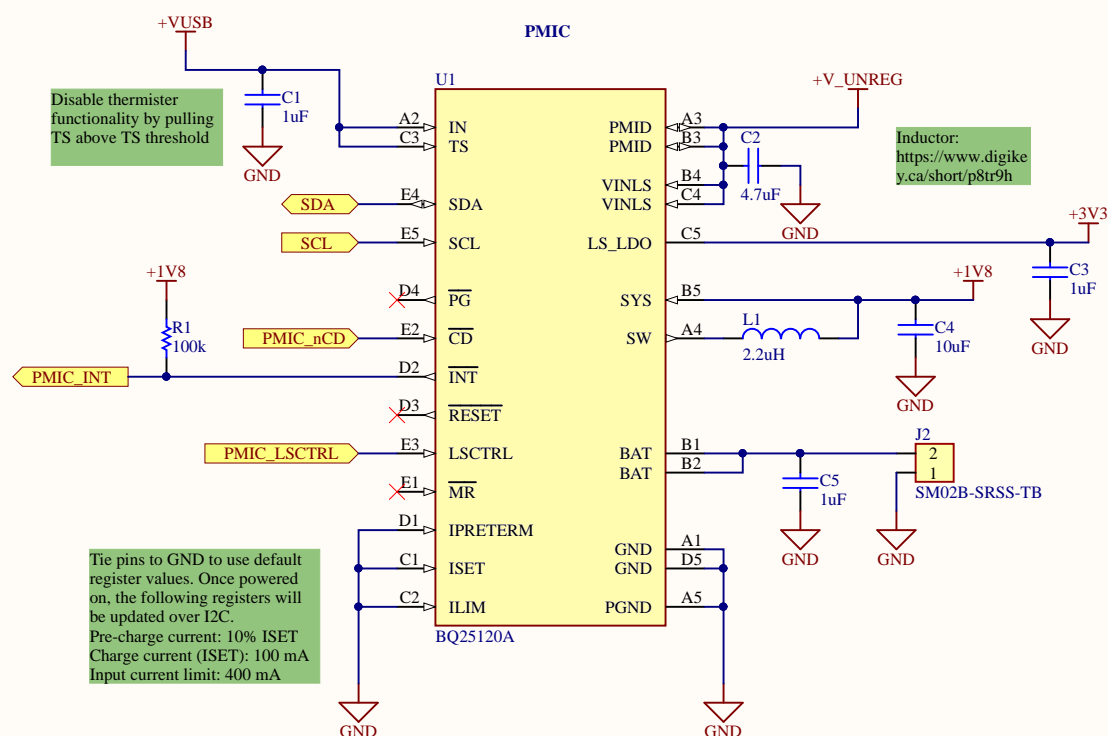
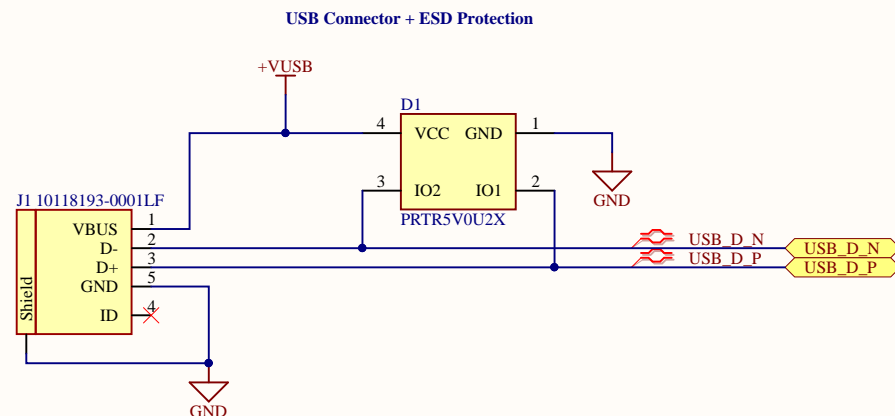
Title Cover			
Size A4	Number		Revision Esperto Watch V3
Date:	2019-04-25	Sheet 1 of 6	
File:	C:\Users\...\S01_Cover.SchDoc	Drawn By:	Daniel De Sousa

Block Diagram



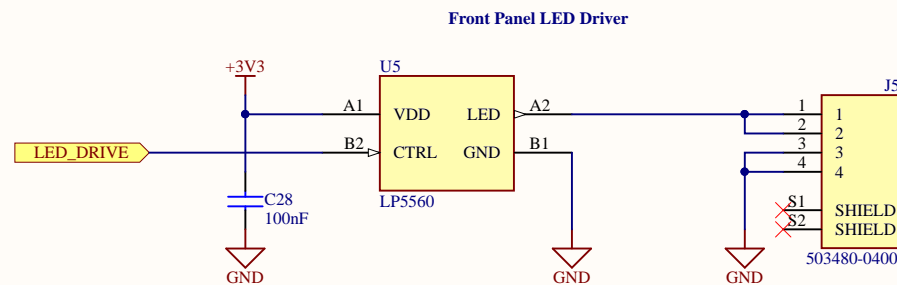
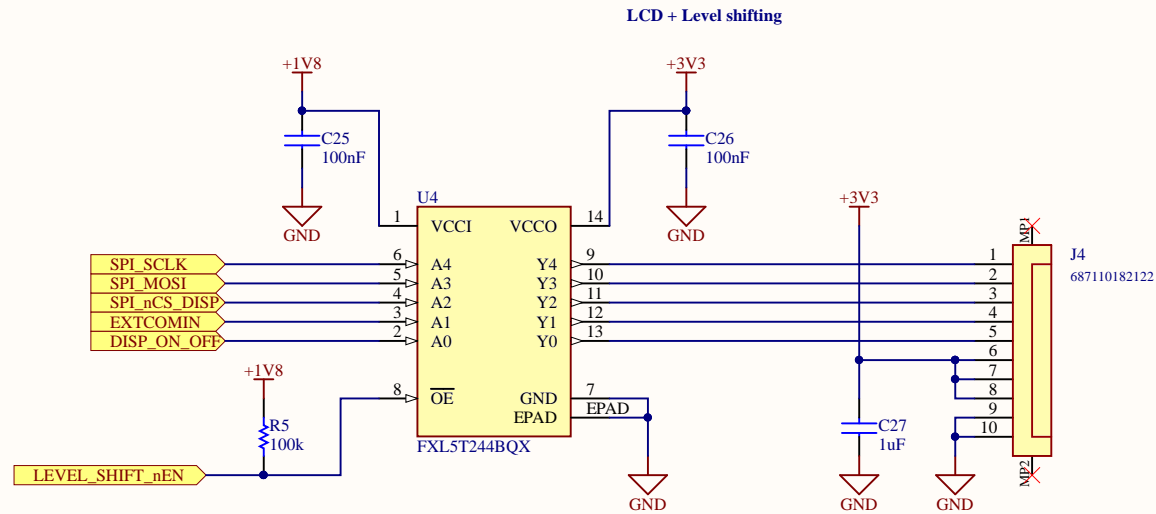
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Block Diagram			
Size	Number		Revision
A4			Esperto Watch V3
Date:	2019-04-25	Sheet 2 of 6	
File:	C:\Users\...\S02_Block_Diagram.SchDoc	Drawn By:	Daniel De Sousa

Power Management



Title		
Power Management		
Size	Number	Revision
A4		Esperito Watch V3
Date:	2019-04-25	Sheet 3 of 6
File:	C:\Users\...\S03_Power_Management.Sch	Drawn By: Daniel De Sousa

Display

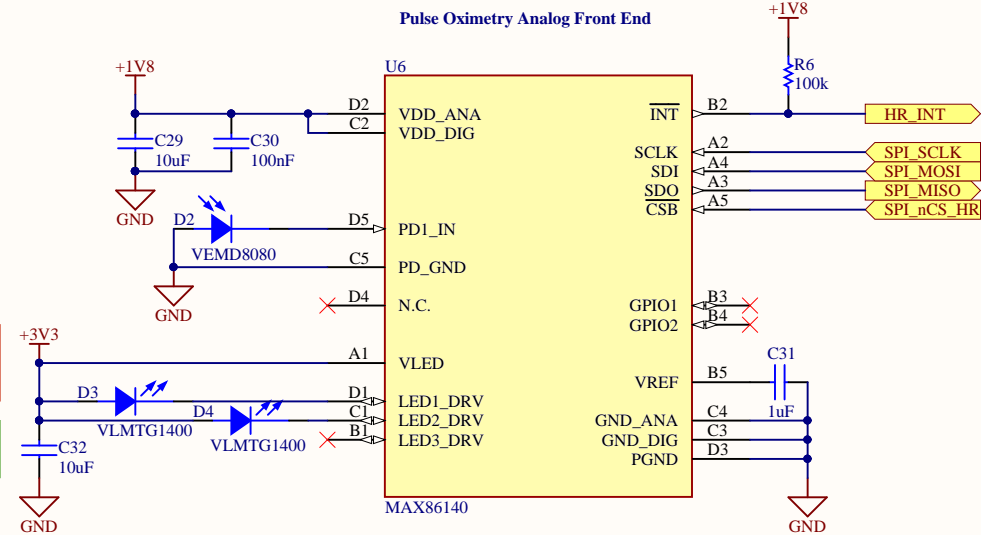


Title			
Display			
Size	Number		Revision
A4			Esperito Watch V3
Date:	2019-04-25	Sheet	5 of 6
File:	C:\Users\...\S05_Display.SchDoc	Drawn By:	Daniel De Sousa

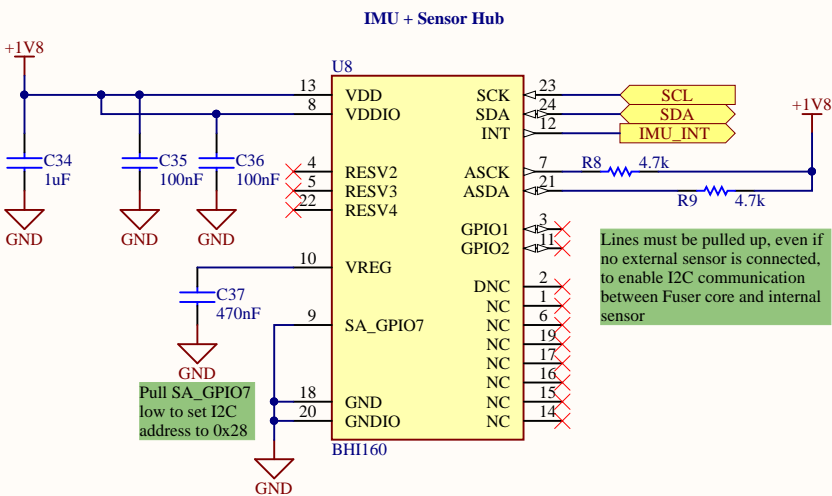
Sensors

Review note: Consider switching VLED to unregulated PMIC output (PMID).

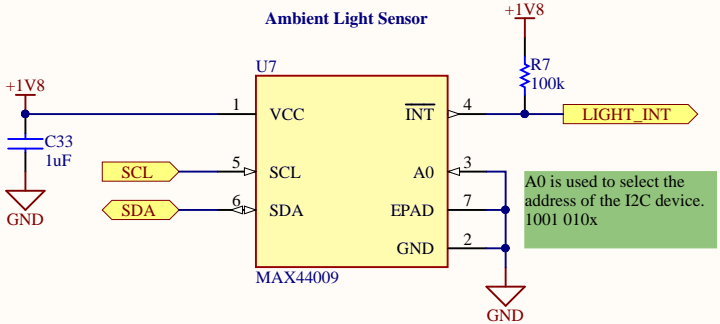
Diode characteristics
PD: 40 pF
LED: GRN, Vf: 2.85V, I_{max}: 20mA



IMU + Sensor Hub



Ambient Light Sensor



Title			
Sensors			
Size	Number		Revision
A4			Esperito Watch V3
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File:	C:\Users\...\S06_Sensors.SchDoc		Drawn By: Daniel De Sousa