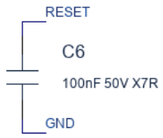
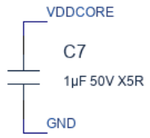
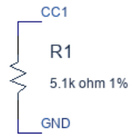
Main Circuit And Support

SW2
Tactile switch 5.1x5.1mm SMD

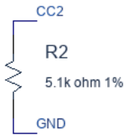


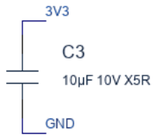


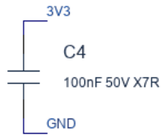


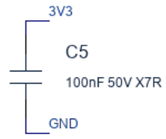


Main Circuit And Support

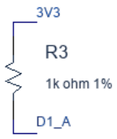


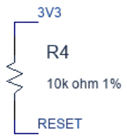


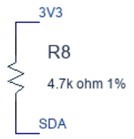


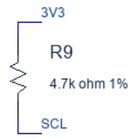


Main Circuit And Support









DESIGN NOTES

Matching net labels identify connected signals.

Assembly and DNP details are stored with each component.

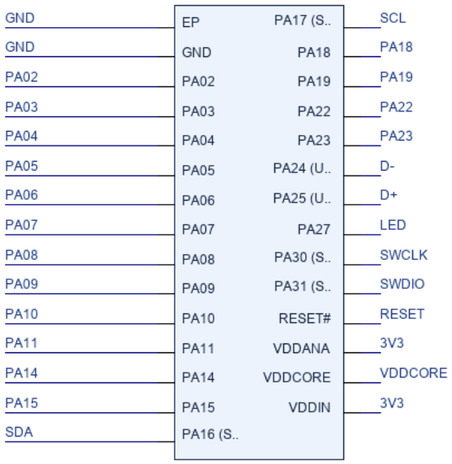
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PROJECT / DOCUMENT			STATUS
Samd21 Usbc Mini			DESIGN REVIEW
DRAWN BY	CHECKED BY	DATE	REVISION
ElectroTrical	-	2026-11-12	A
DOCUMENT NUMBER		FORMAT	SHEET
ET-M15-SCH-001		A3 / LANDSCAPE	1 of 3

Power And Indicators

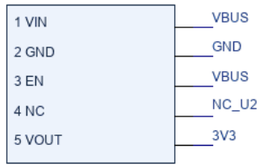
U1

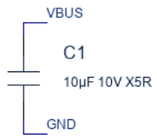
ATSAMD21E18A-MU Cortex-M0+ 48MHz, 256KB flash, USB

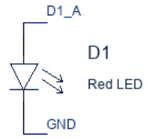


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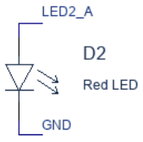
AP2112K-3.3 LDO 600mA

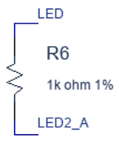


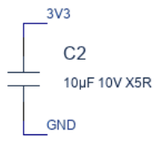




Power And Indicators







DESIGN NOTES

Matching net labels identify connected signals.

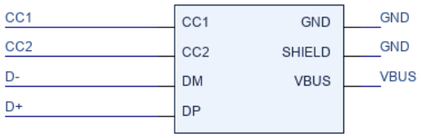
Assembly and DNP details are stored with each component.

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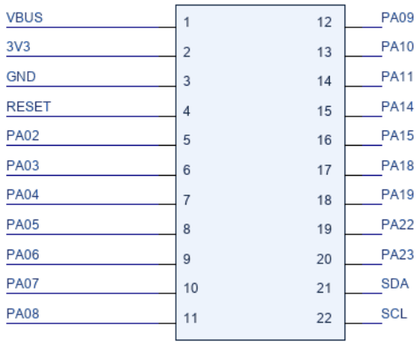
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Samd21 Usbc Mini			DESIGN REVIEW
DRAWN BY	CHECKED BY	DATE	REVISION
ElectroTrical	-	2026-11-12	A
DOCUMENT NUMBER		FORMAT	SHEET
ET-M15-SCH-002		A3 / LANDSCAPE	2 of 3

Connectors

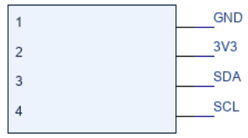
J1
USB-C 16P receptacle (USB 2.0)



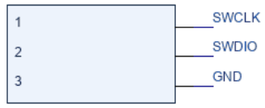
J3 DNP
2.54mm male pin header (ship loose)



J4
JST SH 4P R/A (Qwiic/STEMMA QT)



J5 DNP
2.54mm male pin header (ship loose)



DESIGN NOTES

Matching net labels identify connected signals.

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Samd21 Usbc Mini			DESIGN REVIEW
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ElectroTrical	-	2026-11-12	A
DOCUMENT NUMBER		FORMAT	SHEET
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