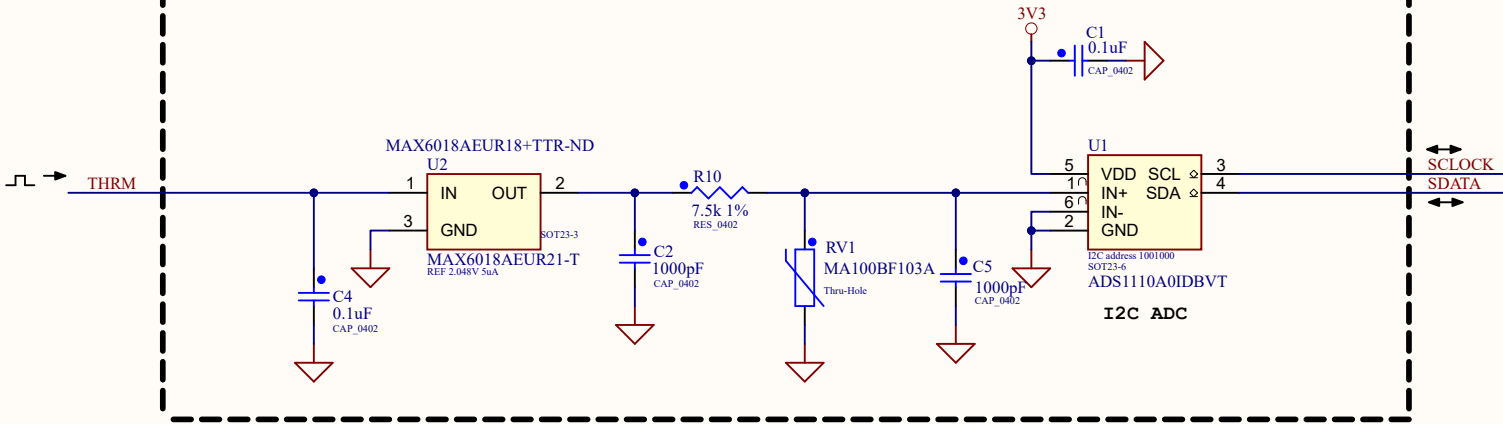


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ECN	DESCRIPTION	REV	DATE

-2 ENCLOSURE THERMISTOR SYSTEM

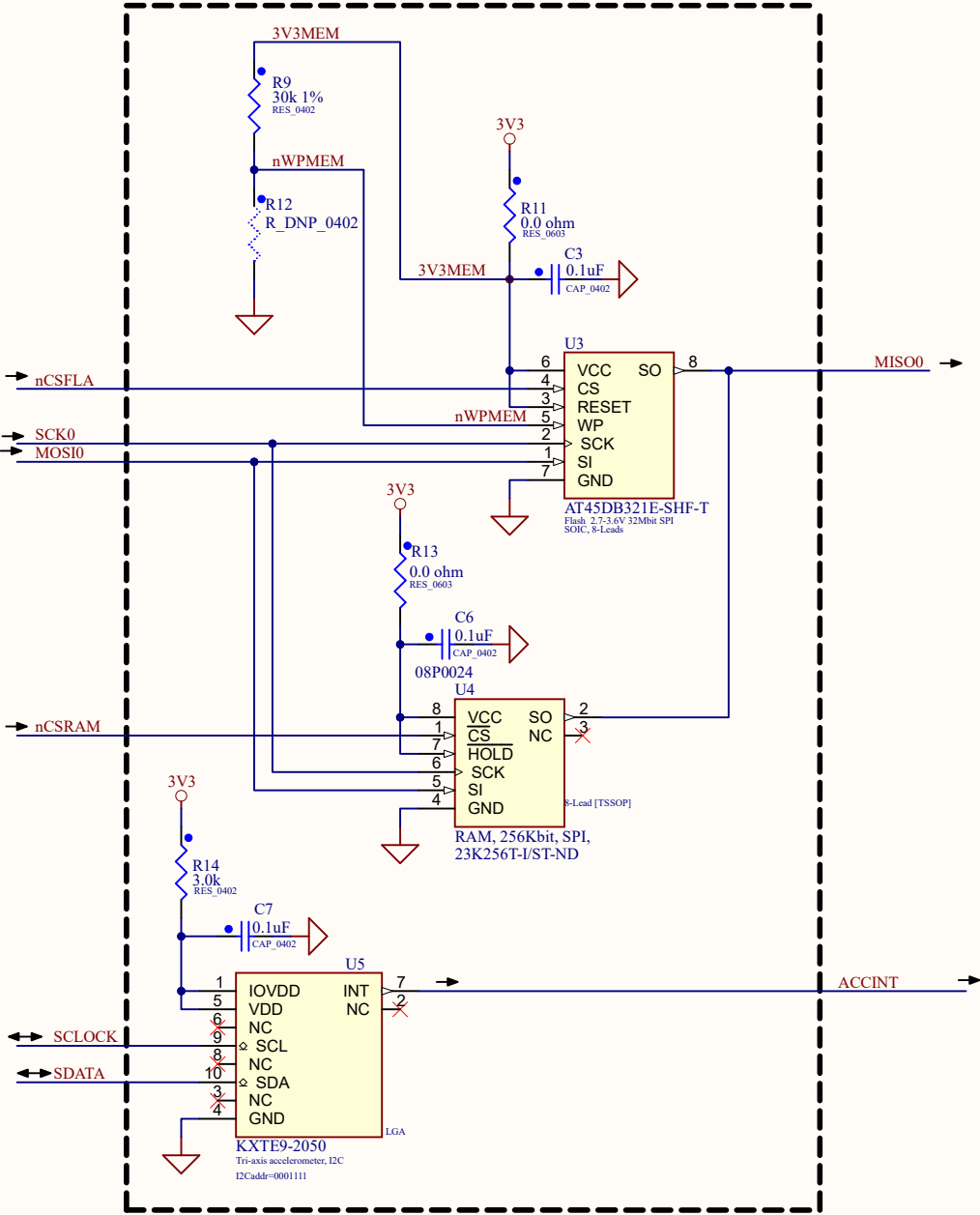


VOLTAGE REFERENCE NOTES

△ Voltage reference output capacitance needs to be at least 100pF for stability but small enough to allow pulse powering from a microprocessor digital output pin.

△ The 5µA maximum supply current varies only 0.1µA/V with the supply voltage. When the supply voltage is below the minimum-specified input voltage (as during turn-on), the devices can draw up to 20µA beyond the nominal supply current. The input voltage source must be capable of providing this current to ensure reliable turn-on.

-42 DIGITAL PERIPHERAL SYSTEM



APPROVALS	DATE	SYNAPSE Biomedical Inc.		
ENG: R. Yoder	7-19-2018	PROJECT REVISION: * DOCUMENT REVISION: * DESIGN ITEM: *		
DSN: K. Kowalski	4-12-2022	TITLE		
CHK: T.Crish	4-12-2022	Digital Peripheral System Enclosure Thermistor		
REFERENCE DOCUMENTS		SIZE	DWG NO.	REV
BOM: *		B	51-2001-01-7	4
ASSY DWG: 51-2001		SCALE: *		
FAB DWG: *		FILE NAME 51-2001-01-7_04.SchDoc		
PCB DWG: 52-2001		SHEET 7 OF 18		