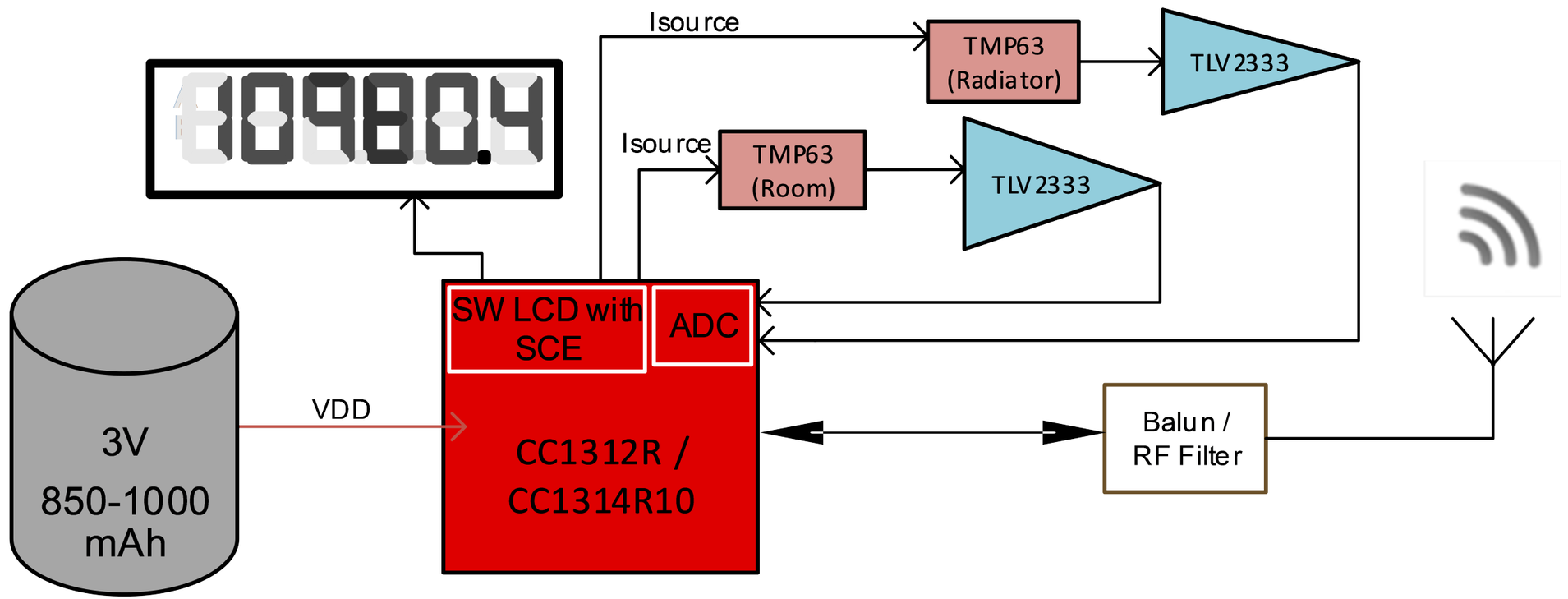
Revision History				
Rev	ECN #	Approved Date	Approved by	Notes
E2	N/A	1. June 2026	MGS	CC1312 + 48MHz XTAL

Single-chip Heat Cost Allocator with wM-Bus OMS5.0.1 @ 868MHz



Orderable: N/A		Designed for: Public Release	Mod. Date: 6/1/2026
TID #: TIDA-00848		Project Title: Single-chip Heat Cost Allocator with SW LCD contro	
Number: TIDA-00848	Rev: E2	Sheet Title:	
SVN Rev: Not in version control		Assembly Variant: 002	Sheet: 1 of 3
Drawn By:		File: TIDA-00848-CoverSheet_E2.SchDoc	Size: A4
Engineer: Milen Stefanov		Contact: http://www.ti.com/support	

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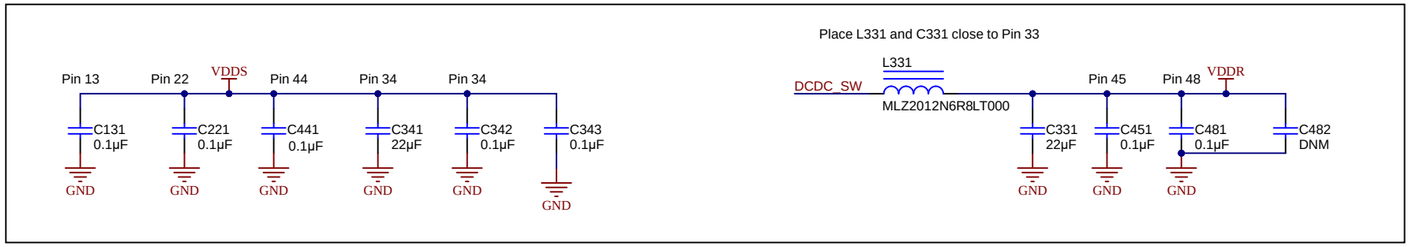

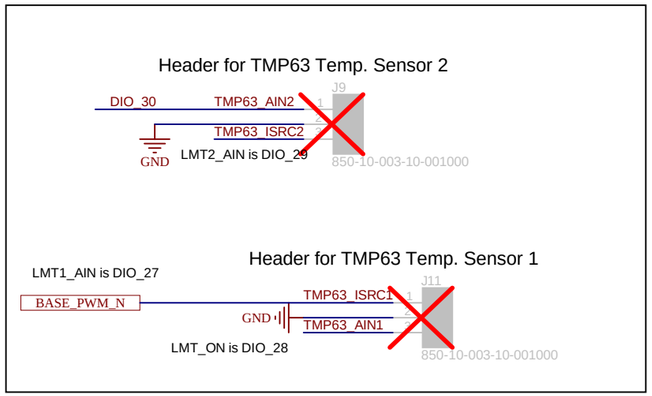

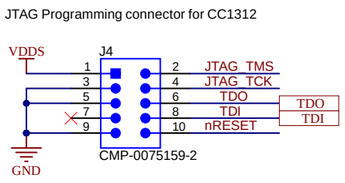

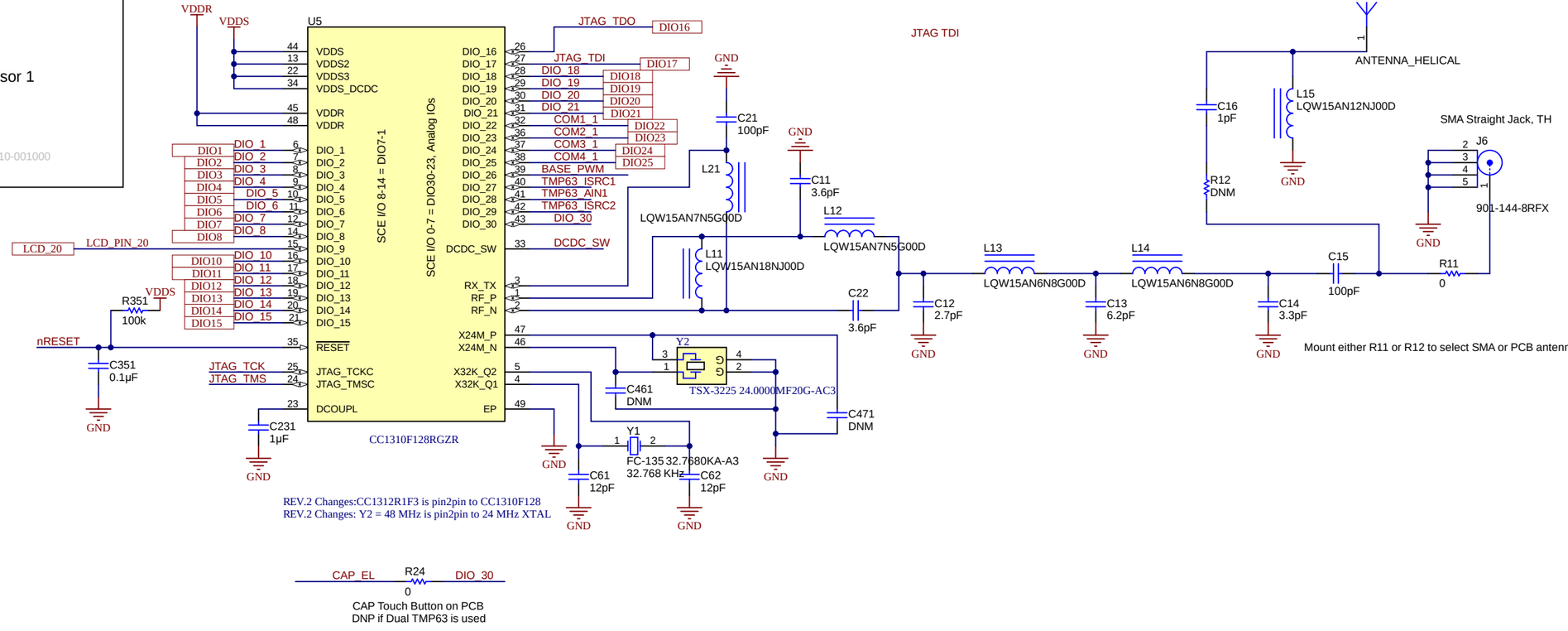

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Number: TIDA-00848 Rev: E2	Sheet Title:	
SVN Rev: Not in version control	Assembly Variant: 002	Sheet: 2 of 3
Drawn By:	File: TIDA-00848_RF_E2.SchDoc	Size: B
Engineer: Milen Stefanov	Contact: http://www.ti.com/support	

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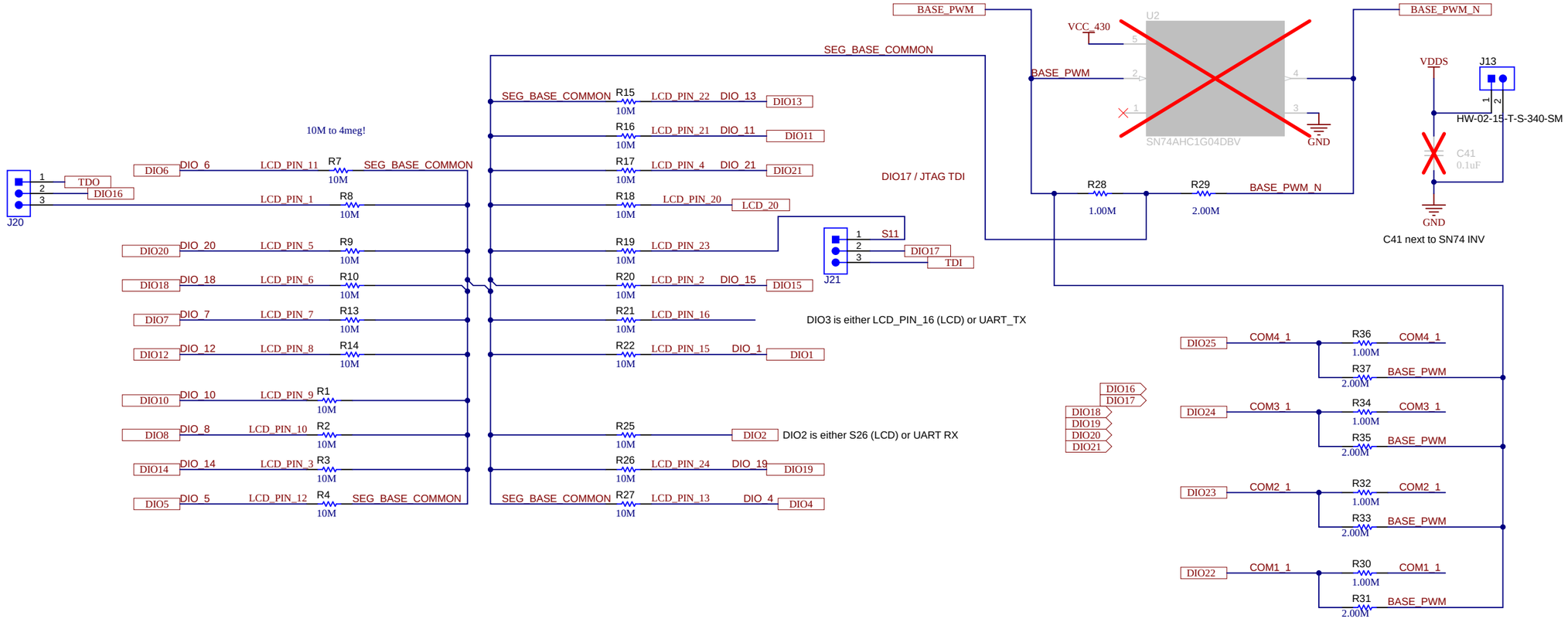

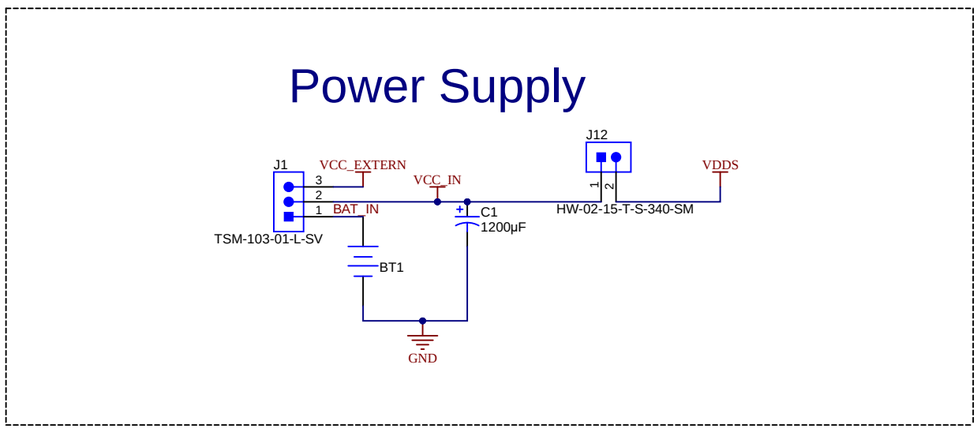

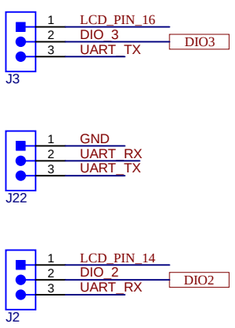

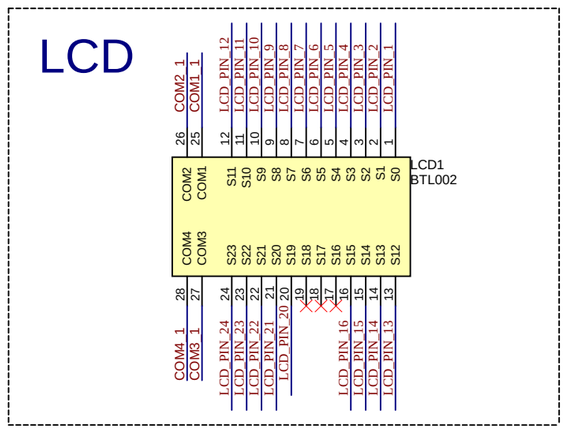

S0-S3 control Pos0-1 (outmost left in the lower LCD line)

S0 S2 S4 S6 S8 S10 S12 S14 S16 S18 S20 S22 S24 S26

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Number: TIDA-00848 Rev: E2	Sheet Title:	
SVN Rev: Not in version control	Assembly Variant: 002	Sheet: 2 of 3
Drawn By:	File: TIDA-00848_LCD_E2.SchDoc	Size: B
Engineer: Milen Stefanov	Contact: http://www.ti.com/support	

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H9
SJ-5303 (CLEAR)

H10
SJ-5303 (CLEAR)

H11
SJ-5303 (CLEAR)

PCB
LOGO
Texas Instruments

PCB
LOGO
Pb-Free Symbol

FID1 FID2 FID3

PCB Number: TIDA-00848
PCB Rev: E2

CE Mark

PCB
LOGO
FCC disclaimer

PCB
LOGO
WEEE logo

Label Table	
Variant	Label Text
001	TIDA-00848
002	E2

ZZ2
Assembly Note
These assemblies are ESD sensitive, ESD precautions shall be observed.

ZZ3
Assembly Note
These assemblies must be clean and free from flux and all contaminants. Use of no clean flux is not acceptable.

ZZ4
Assembly Note
These assemblies must comply with workmanship standards IPC-A-610 Class 2, unless otherwise specified.

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Number: TIDA-00848 Rev: E2	Sheet Title:	
SVN Rev: Not in version control	Assembly Variant: 002	Sheet: 3 of 3
Drawn By:	File: TIDA-00848__Hardware_E2.SchDoc	Size: B
Engineer: Milen Stefanov	Contact: http://www.ti.com/support	

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Last updated 10/2025