

Arena ECO Examples (Arena PLM and QMS)



ECO (Summary Status / Reason for Change)

ECO-000026 Visible 2 2

Overheat Issue Resolution - Model 300

Submitted, Approval Deadline: 06/30/2026 11:59:59 PM | Implementation Status: In Progress

Open Submit Approval Effective Complete Actions

Force Rejection Force Approval

Summary Items Files Approvals Implementation Requests Projects Quality Tickets Alerts Notifications Supplier Access History

Basic Information

Category	Engineering Change Order
Change Number	ECO-000026
Title	Overheat Issue Resolution - Model 300
Description	The overheat issue resolution includes 3 product updates: 1) The firmware has been updated to underclock the processors slightly to help with heat generation. 2) A thermal cutoff has been changed on the circuit board to prevent catastrophic fires. 3) The cooling holes on the rear panel have been modified to supply better cooling to the PCBA. See items tab for additional information. The attached requests will all be resolved by implementing this change.
Associated Files	3 Reference File(s) + 2 Implementation File(s)
Routings	CCB
Approval Deadline	06/30/2026 11:59:59 PM (Deadline not enforced)
Effectivity	This Change will become effective once approved
Expiration Date	N/A (This is a permanent Change.)
Lifecycle Status	Submitted
Lifecycle Status Date	11/07/2024 12:17:08 PM
Creator	George Lewis
Created on	10/28/2013 03:27:13 PM
Submitter	Mike Halladay
Submitted on	11/07/2024 12:17:08 PM

ECO (Affected Items)

ECO-000026 Visible 2 2

Open Submit **Approval** Effective Complete Actions

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Summary **Items** Files Approvals Implementation Requests Projects Quality Tickets Alerts Notifications Supplier Access History

Modifications BOM Redline Affected Assemblies Inventory Disposition

5 Items with 10 requested modifications View Redlines

#	ITEM NUMBER	ITEM NAME	PHASE	NEW PHASE	REVISION	NEW REVISION	SPECS	BOM	SOURCE	COST	FILES	RETRAIN
1	160-00008	Thermal Fuse 72C 10A Axial	Unreleased	In Production		A	✓	✓	✓	✓	✓	-
2	432-00003	Panel, Rear, EveryRoad	In Production	In Production	B	C	✓				✓	-
3	820-00002	Subassembly, EveryRoad, Rear Assembly	In Production	In Production	F	G		🔒			🔒	-
4	830-00001	PCBA, EveryRoad, Model 300	In Production	In Production	E	F		✓			✓	-
5	900-00001	GPS, EveryRoad US Model 300, Shippable	In Production	In Production	D	E						-

ECO (Proposed BOM Changes/Redlines)

ECO-000011 Visible 2 0

EveryRoad Model 300 Case Melting

Effective as of 11/18/2011 02:04:06 PM | Implementation Status: In Progress

Open Submit Approval Effective Complete

Actions

Summary **Items** Files Approvals Implementation Requests Projects Quality Tickets Alerts Notifications Supplier Access History

Modifications **BOM Redline** Affected Assemblies Inventory Disposition

This BOM redline may not show the current revisions of all components and subassemblies. This revision of this assembly may have been updated with new revisions of components and subassemblies since this Change became effective, and these updates are not shown. You may visit the [Redline subview](#) of the BOM view in the Items world to see all changes between this revision of this assembly and the previous revision.

Assembly: will have 1 addition, 0 removals, 0 edited BOM lines, and 0 edited components due to this Change.

#	ITEM NUMBER	ITEM NAME	PHASE	
1	432-00003 rev B 432-00003 rev B	Panel, Rear, EveryRoad	Deprecated	1 each
2	472-00001 rev A	Screw, M3 x 6, ST, Torx	In Production	4 each
3	830-00001 rev A 830-00001 rev B	PCBA, EveryRoad, Model 300	In Production	1 each

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