

Engineering Change Order (ECO) Template



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ECO Number	
ECR Number <i>(Reference)</i>	
Product Line(s)	
Priority	
Requestor Name	
Submitted Date	

Description of Change		

Reason for Change	

Change Impact	
---------------	--

Change Control Board (CCB) Approvers

Select All That Apply

Department									
Approver Name									

Affected Items

[illegible]

Arena ECO Examples (Arena PLM and QMS)



ECO (Summary Status / Reason for Change)

ECO-000026

2

1

OPEN

SUBMIT

APPROVAL

EFFECTIVE

COMPLETE

Actions

Overheat Issue Resolution - Model 300

SUBMITTED, APPROVAL DEADLINE: 12/23/2020

Comment

Reject

Approve

Force Approval

Withdraw

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

12/23/2020 (Deadline not enforced)

Effectivity

This Change will become effective once approved

Expiration Date

N/A (This is a permanent Change.)

Lifecycle Status...

Submitted

...As Of

06/10/2019 04:02:27 PM

Creator

Gio Luigi

Created On

10/28/2013 03:27:13 PM

Submitter

Jesus Lopez

Submitted On

06/10/2019 04:02:27 PM

ECO (Affected Items)

arena

Arena Antony Demo EHT

Changes

Create

Changes

Search

?

AJ

SEARCH

Changes

FOR

All In Process Changes

WHERE

Change Number

IS

Go

ADVANCED >

ECO-000011

2

0

OPEN

SUBMIT

APPROVAL

EFFECTIVE

COMPLETE

Actions

EFFECTIVE AS OF 11/18/2011 02:04:06 PM | IMPLEMENTATION STATUS:

In Progress

Summary

Items

Files

Approvals

Implementation

Requests

Projects

Quality

Tickets

Alerts

Notifications

Supplier Access

History

Modifications

BOM Redline

Affected Assemblies

Inventory Disposition

7 Items with 21 requested modifications

View Redlines

	#						ITEM NUMBER	ITEM NAME	PHASE	NEW PHASE	REV	NEW REV	SPECS	BOM	SOURCE	COST	FILES	RETRAIN
<input type="checkbox"/>	1				5	<input checked="" type="checkbox"/>	120-00001	Capacitor, C...	In Production	In Production	A	B						
<input type="checkbox"/>	2				2	<input checked="" type="checkbox"/>	160-00006	Thermal Cut...	Unreleased	In Production		A						
<input type="checkbox"/>	3				4	<input checked="" type="checkbox"/>	432-00003	Panel, Rear, ...	In Production	Deprecated	B	B						
<input type="checkbox"/>	4				4		432-00004	Panel, Rear, ...	Unreleased	In Production		A						
<input type="checkbox"/>	5				2	<input checked="" type="checkbox"/>	820-00002	Subassembly...	In Production	In Production	B	C						
<input type="checkbox"/>	6				6	<input checked="" type="checkbox"/>	830-00001	PCBA, Every...	In Production	In Production	A	B						
<input type="checkbox"/>	7				3	<input checked="" type="checkbox"/>	900-00001	GPS, EveryR...	In Production	In Production	C	D						

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ECO (Proposed BOM Changes/Redlines)

SEARCH

Changes

FOR

All In Process Changes

WHERE

Change Number

IS

Go

ADVANCED >

ECO-000011

2

0

OPEN

SUBMIT

APPROVAL

EFFECTIVE

COMPLETE

Actions

EveryRoad Model 300 Case Melting

EFFECTIVE AS OF 11/18/2011 14:04:06 | IMPLEMENTATION STATUS: In Progress

Summary

Items

Files

Approvals

Implementation

Requests

Projects

Quality

Tickets

Alerts

Notifications

Supplier Access

History

Modifications

BOM Redline

Affected Assemblies

Inventory Disposition

Assembly:

Subassembly, EveryRoad, Rear A...

will have 1 addition, 0 removals, 0 edited BOM lines, and 3 edited components due to this Change.

Expand All

#	ITEM NUMBER	ITEM NAME	PHASE	REF DES	QTY
1	432-00003 rev B 432-00003 rev B	Panel, Rear, EveryRoad	In Production 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
3	1	120-00001 rev A 120-00001 rev B	Capacitor, Ceramic Chip, 0.1uF	C6, C10-C12, C15	5 each
3	2	120-00002 rev A	Capacitor, Ceramic Chip, 1.0uF, 1206	C3	1 each
3	3	120-00003 rev A	Capacitor, Tantalum, 10uF@16V, B pkg	C9	1 each
3	4	120-00004 rev A	Capacitor, Tantalum, 4.7uF@4V, A pkg	C1, C4, C8	3 each
3	5	120-00005 rev A	Capacitor, Ceramic Chip, 0.01uF, 0603	C5, C7	2 each
3	6	125-00002 rev A	Connector, Mini USB	J4	

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