

	Doc or ECO #:	ECO-70218/71327-001	Date:	5/27/2020	Author:	JV
	Rev. #:	B				
Engineering Change Order (ECO)	Engineering Approval:	Aeg	Date:	6/14/2020	Quality Approval	aeg

P/N #:	70218 / 71327	Effective Date:	June 15, 2020
Title:	New Supplier of HD Monitor		

1.0 Purpose / Summary

The Supplier of the HD monitor has changed. The new supplier is producing a clone monitor using new hardware.

2.0 Parts Affected

Part Number	Notes	Removed	Added	Modified	REV
70218	Modified to remove 72285 from BOM.	☐	☐	☒	H
71327	New Revision of HD monitor	☐	☐	☒	D
72285	This cable is now a part of the 71327 monitor assembly.	☒	☐	☐	-
ARM-004	Redesigned to fit new HD monitor	☐	☐	☒	C
91249A155	Removed from assembly	☒	☐	☐	-
70526	Flathead screw for tilt arm clearance	☐	☒	☐	A
91249A151	Old MCM number removed	☒	☐	☐	-
71922	VR number replacement	☐	☒	☐	A

3.0 Detail

The previous monitor supplier had multiple quality issues, when prompted to fix these issues through months of iterations they no longer wanted to be our supplier. We sourced a new supplier and went through a design process to produce a clone monitor as a drop in replacement. From the user perspective, the monitor looks nearly identical. The monitor uses different hardware and boards, a brighter display, and a slight change to the wiring. The FA unit was evaluated on as many different versions of the MSS OCCs as possible feature. All seemed to function the same.

Pan head screws were switched to Flat head screws for the newest revision of ARM-004.
91249A151 and 71922 are the same screw

4.0 Disposition of Material

All on hand REV C monitors should be used up before the implementation of rev D.
Any future reworks of ICB / monitors should be replaced with rev D monitor.

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Sent old monitors and parts to PE lab.

5.0 Action Items

Action	Department	Acknowledgement Initials
Place production PO of HD monitors from Future Electronics	Purchasing	NS / JB

6.0 Modified / Referenced Documents:

Document	Current Revision
QC-71327	Rev C.
WI-70218	Rev H.
QC-70218	Rev F.
QC-WI-70218	Rev F.

7.0 Revision History

Date Revised (mm-dd-yyyy)	Location of Change (section, paragraph no., step no., etc.)	Description of Change Made	Name of Person making the Change
6/8/2020		Initial Creation	JV
12/31/2020	details	Added hardware swap for tilt arm clearance	JV