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DISMANTLING AND TREATMENT INFORMATION

**UWB Dart HUB
UWH-1100-A-00xx**

Conforms to **Waste electrical and electronic equipment (WEEE)
2002/96/EC**

Category 3 product according Annex IA

Date: 25 October 2011

Zebra Technologies
2940 North 1st Street
San Jose, CA 95134
www.zebra.com

Reuse and treatment information

Material	Weight [g]	Weight [%]	Important Information
Waste Disposal (WD)			
Ceramic	0	0	
Subtotal	0	0	
Recovery Operations (RO)			
Leather	0	0	
Rubber / elastomere	0	0	
Sealant compound	0	0	
Foam	0	0	
Wood	0	0	
Subtotal	0	0	
Aluminium alloy cast			
Aluminium alloy cast	1207.0	41.6	
Aluminium alloy wrought			
Aluminium alloy wrought	0	0	
Battery			
Battery	11.4	.4	
Cable			
Cable	0	0	
Cable with plug			
Cable with plug	137.0	4.7	
Carton			
Carton	0	0	
Copper			
Copper	0	0	
Copper Alloy			
Copper Alloy	0	0	
Gas			
Gas	0	0	
Glass Optical			
Glass Optical	0	0	
Iron			
Iron	0	0	
Liquid			
Liquid	0	0	
Magnesium alloy			
Magnesium alloy	0	0	
Magnetic material			
Magnetic material	0	0	
Metal nonferrous			
Metal nonferrous	15.9	.5	
Paper			
Paper	0	0	
Plastic			
Plastic	83.7	2.9	
Plug			
Plug	0	0	
Printed circuit board			
Printed circuit board	1361.0	46.9	Remove Printed Circuit Board Assemblies (7)
Sintered material			
Sintered material	0	0	
Steel			
Steel	0	0	
Steel stainless			
Steel stainless	87.0	3.0	
Textile material			
Textile material	0	0	
Subtotal	0	0	
Re-Use (RU)			
Subtotal	0	0	
Total weight	2903 g	100%	

Product identification and selective treatment information



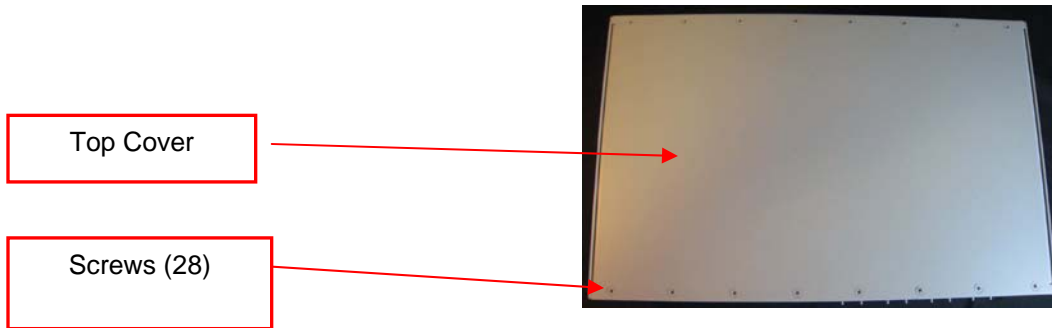
356 mm Long x 229 mm Wide x 89 mm High

Product Description:

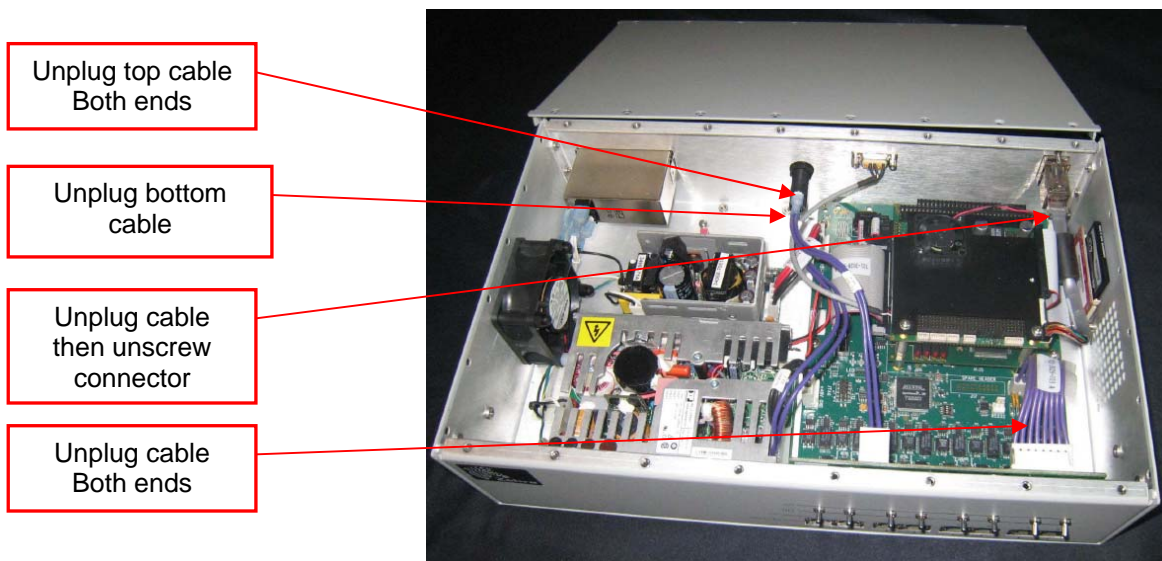
The Dart Hub provides power, data and clock to the Dart Sensors over a single shielded Ethernet cable enabling simple and fast sensor installation. Embedded software on the hub allows for system configuration and display of real-time tag locations via a browser-based GUI interface based on a Java™ run-time environment.

Dismantling Instructions

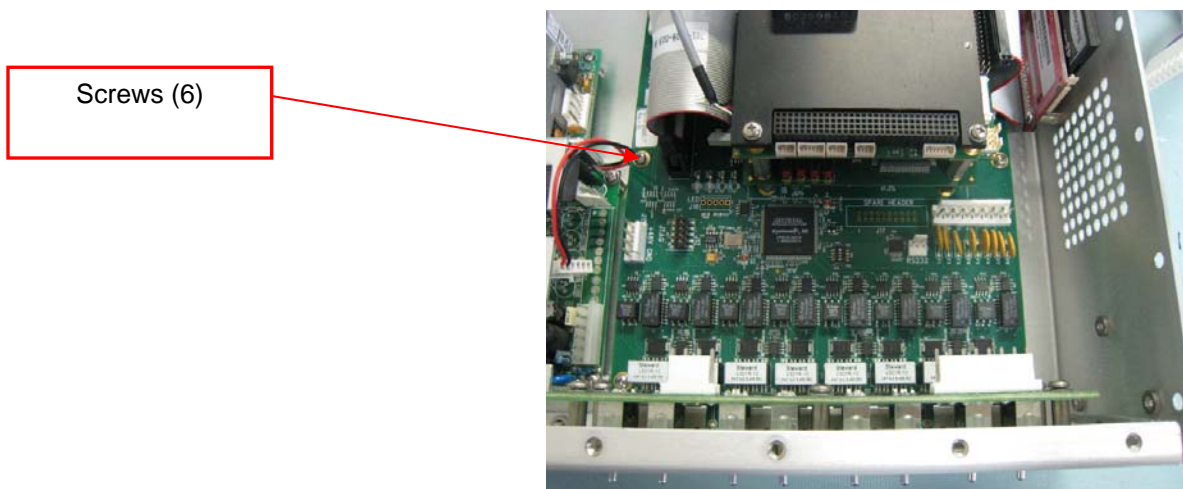
A) Remove Top Cover by unscrewing sixteen screws on the top of the cover and six screws on each side.



B) Remove or disconnect cable assemblies as follows:

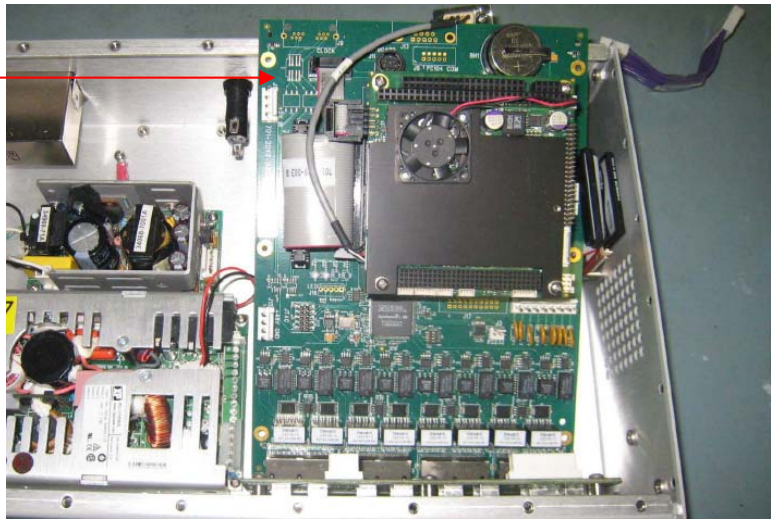


C) Remove PCBA by unscrewing six screws:



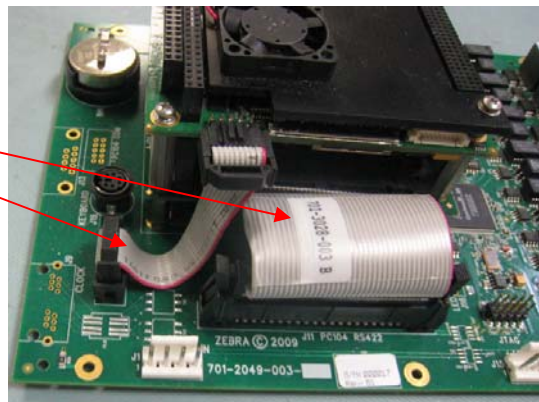
D) Remove the PCBA from the housing by pulling up from the rear side of the board as follows:

PCBA
Pull up from the
rear side



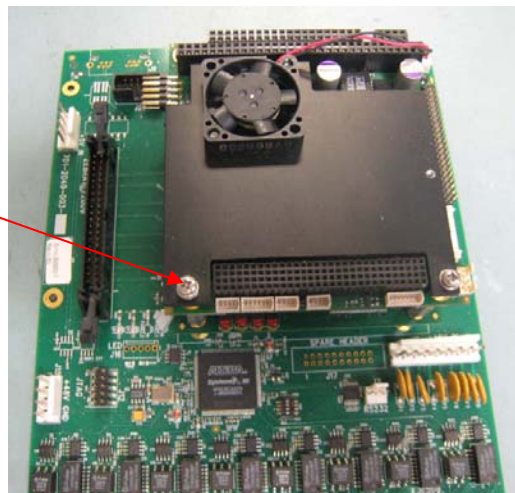
E) Remove two Cable Assemblies from the PCBA that was just removed:

Remove Cable
Assy's from PCBA



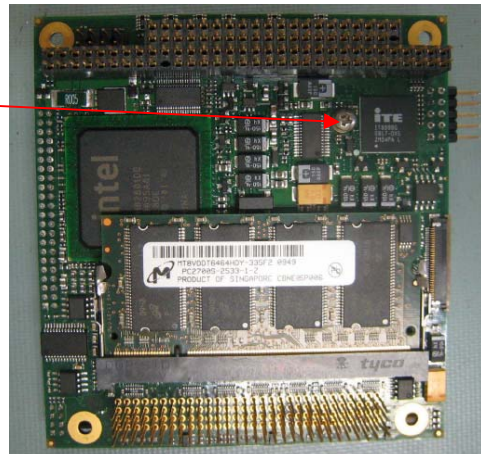
F) Remove PCBA stack assembly by first removing the top fan assembly as follows:

Remove two
screws from Fan
Assy



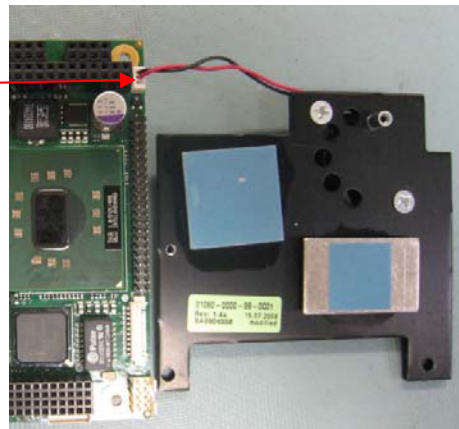
G) Turn the Fan Assembly over and remove one screw that is holding the Fan Assembly to the PCBA as follows:

Remove one Screw



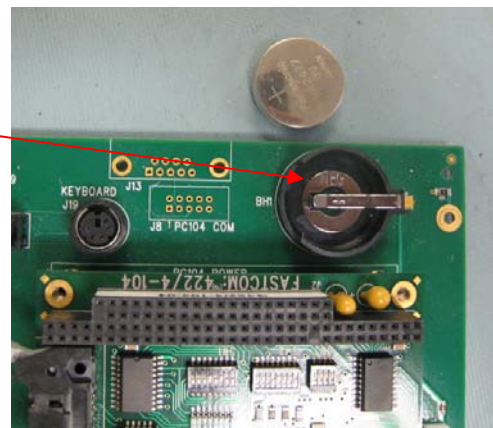
H) Unplug Fan Assembly from PCBA as follows:

Unplug Cable



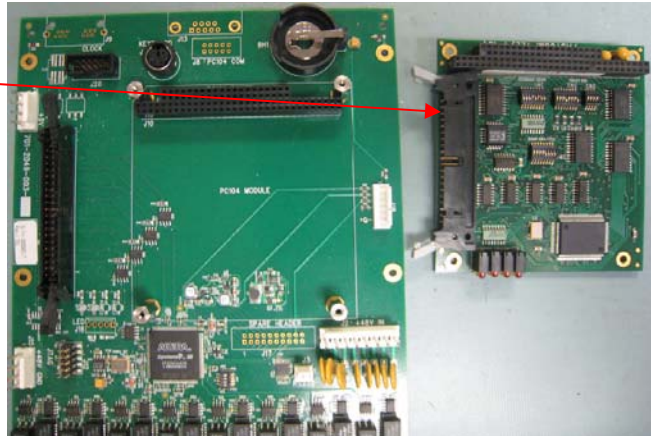
I) Remove Battery from PCBA Stack as follows:

Remove Battery



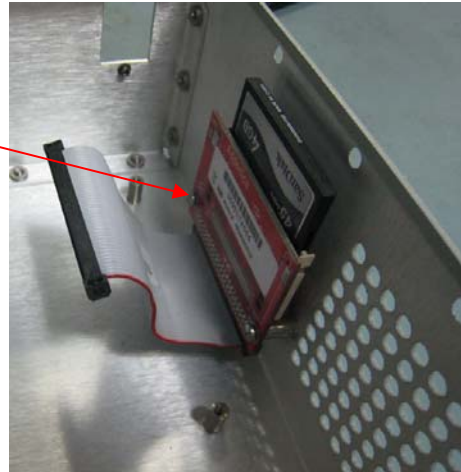
J) Remove the remaining board from the PCBA Stack by pulling the board up and out of the connector as follows:

Remove remaining PCBA from Stack



K) Unscrew Memory Assembly from Housing by removing two screws as follows:

Remove remaining PCBA from Stack

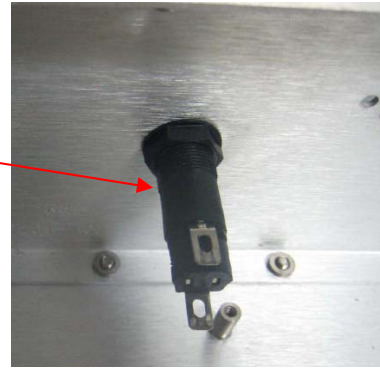


L) Remove Cable and Memory Disk from Memory Assembly as follows:



M) Remove Fuse Holder from Housing as follows:

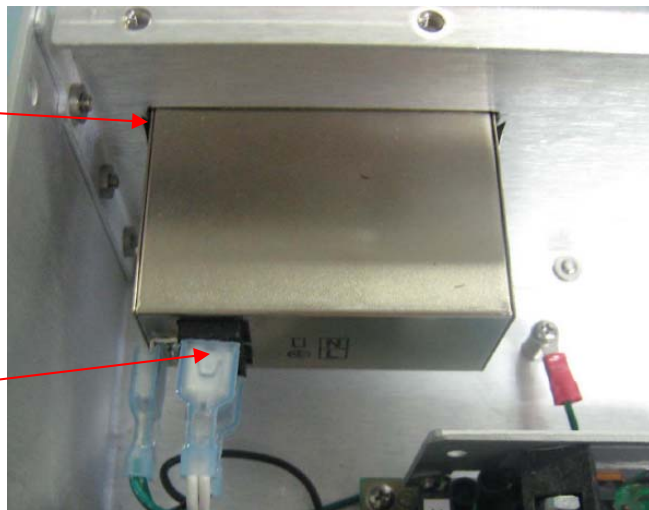
Unscrew Nut to
remove Fuse
Holder



N) Unplug Cables and Remove Power Connector as follows:

Remove Power
Connector by
pushing in on tabs

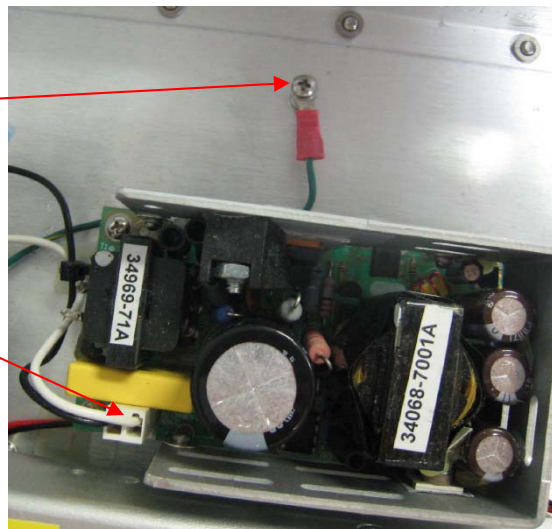
Unplug Cables
from Connector
(3)



O) Unscrew one Cable and Disconnect another from the assembly as follows:

Unscrew Cable

Unplug Cable
from Connector



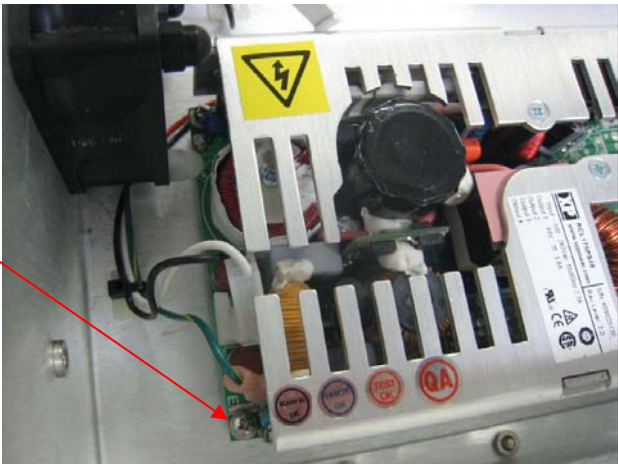
P) Remove Power Supply Assembly from Housing by removing four Screws as follows:

Unscrew 4 Screws
to Remove Power
Supply



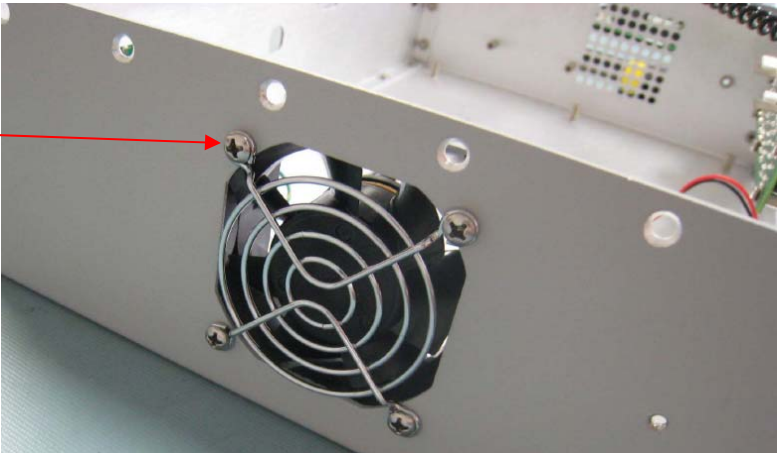
Q) Remove Power Supply Assembly from Housing by removing four Screws as follows:

Unscrew 4 Screws
to Remove Power
Supply



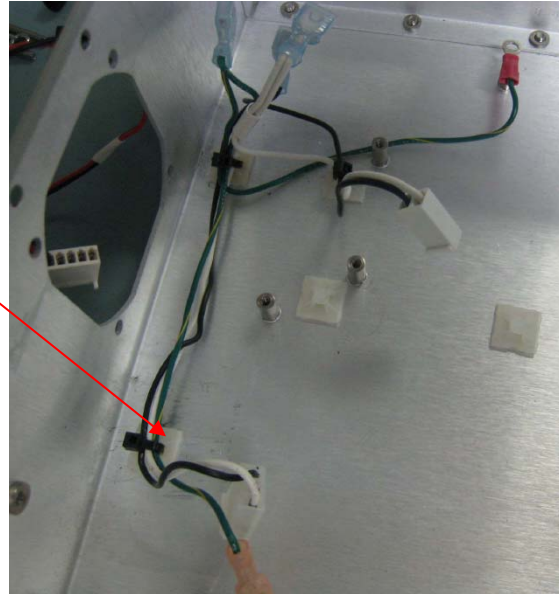
R) Remove Fan Assembly from the Housing by removing four Screws as follows:

Unscrew 4 Screws
to Remove Fan
Assy



S) Remove remaining Cable Assemblies from Housing by prying up on the Cable Holders that are stuck to the Housing as follows:

Pry under the Cable Holders to remove Cables



T) Remove the final PCBA from the Housing by unscrewing six Screws as follows:

Remove PCBA by removing Six Screws



U) Disassemble the remaining sides and bottom from the Housing by unscrewing the remaining six Screws from each side and sixteen Screws from the Bottom Cover as follows:

Unscrew Six
Screws from each
Side

Unscrew Sixteen
Screws from the
Bottom Cover

