

SURFACE PREPARATION INSTRUCTIONS



1. SAFETY

WEAR NITRILE GLOVES AND GOGGLES BEFORE HANDLING COMPONENTS AND SOLUTION. GLOVES ARE ONLY FOR SPLASH RESISTANCE.

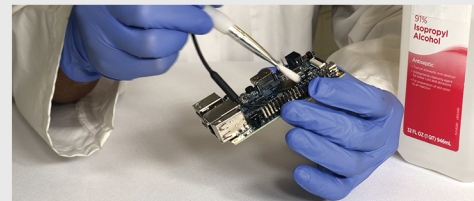
(SEE WARNING BELOW)



2. POWER OFF DEVICE

ENSURE THE DEVICE IS UNPLUGGED AND FULLY POWERED DOWN FOR AT LEAST 5 MINUTES.

DISMANTLE AND REMOVE ELECTRICAL COMPONENTS TO BE TREATED FROM DEVICE IF POSSIBLE.



3. HAVE A CLEAN DEVICE

CLEAN ELECTRICAL COMPONENTS WITH 91% ISOPROPYL (RUBBING ALCOHOL) TO REMOVE DUST AND OILS.

WE RECOMMEND USING A SOFT BRISTLE TOOTHBRUSH AND/OR A LINT FREE MICROFIBER. ALLOW DEVICE TO DRY.



IMPORTANT

DO NOT SUBMERGE OR APPLY SOLUTION TO LCD SCREENS AND OPTICAL LENSES.

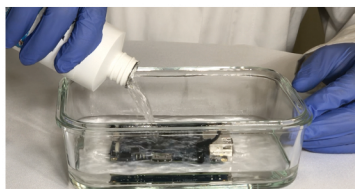
DIRTY COMPONENTS WILL PREVENT THE COATING FROM ADHERING TO THE SURFACE, RESULTING IN AN INEFFECTIVE COATING.

NANOCOATING APPLICATION INSTRUCTIONS



1. FIND A CLEAN DIP TRAY

USE A CLEAN GLASS CONTAINER THAT WILL ALLOW THE COMPONENT TO SUBMERGE IN THE SOLUTION.



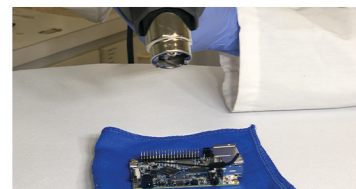
2. DIP DEVICE IN SOLUTION

PLACE ELECTRONIC COMPONENT IN THE GLASS CONTAINER, SLOWLY POUR THE SOLUTION COMPLETELY SUBMERGING THE COMPONENT FOR 5 SECONDS.



3. DRAIN EXCESS SOLUTION

REMOVE COMPONENT HANDLING BY IT'S SIDES ONLY IN A 45 DEGREE ANGLE. ALLOW EXCESS SOLUTION TO DRAIN FOR 5 SECONDS.



4. HEAT TO CURE COATING

SET ON A NON-CONDUCTIVE HEAT RESISTANT SURFACE. PLACE THE DEVICE INTO A CURE OVEN OR USE A HEAT GUN SET AT 176°F OR 80°C TO HEAT CURE THE SURFACE OF THE DEVICE. APPLY HEAT FOR 15 MINUTES.



WARNING

NITRILE GLOVES WILL NOT PROVIDE PROTECTION AFTER 5 SECONDS OF EXPOSURE. LIMIT EXPOSURE TO LESS THAN 10 SECONDS USING DOUBLE GLOVES AND 5 SECONDS USING ONE LAYER OF GLOVES.

NOTE: WHEN USING A HEAT GUN, APPLY HEAT 3 INCHES AWAY FROM THE COMPONENT. DO NOT STAY IN SAME SPOT FOR MORE THAN 5 SECONDS. DEPENDING ON BOARD, HEAT CURING FOR UP TO 15 MINUTES MAY INCREASE DURABILITY.

UNUSED SOLUTION IN THE TRAY SHOULD BE RESEALED INTO THE ORIGINAL BOTTLE OR IN A AIR TIGHT CONTAINER TO PREVENT SOLUTION EVAPORATION.

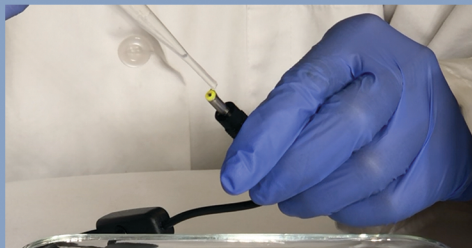
STORAGE AND HANDLING

- REMAINING SOLUTION IN GLASS CONTAINER SHOULD BE POURED THROUGH A STRAINER FILTER (100 MICRON) AND FUNNEL BACK INTO THE ORIGINAL BOTTLE FOR FUTURE USE.
- ENSURE CAP IS SECURED TIGHTLY AND STORE SOLUTION AT ROOM TEMPERATURE IN A COOL, DRY ENVIRONMENT, AND AWAY FROM DIRECT SUNLIGHT.

FOR IP67/68 RATING

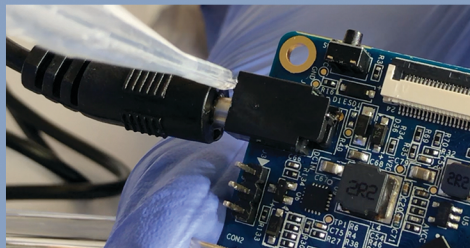
WE RECOMMEND DIPPING CONNECTING CABLES TO ENSURE TWO COMPONENTS ARE COATED AND NOT JUST HALF OF A DEVICE. DIP, HEAT, CURE AND THEN CONNECT. OPTION 2 IS TO INSERT THE CONNECTOR AND THEN ADD A TOUCH OF SOLUTION ON TOP OF THE CONNECTOR TO SEAL THE CONNECTOR AREA

TOUCH UP INSTRUCTIONS



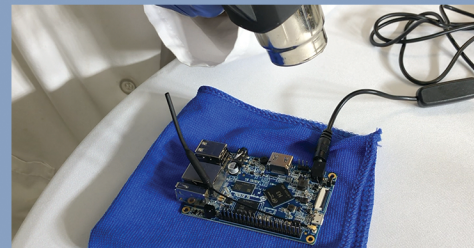
1. TOUCH UP CONNECTOR

USE A PIPETTE TO PUT DROPS ON THE HEADS OF MALE END OF CONNECTIONS/PLUGS THAT WILL BE DIRECTLY CONNECTED INTO THE TREATED COMPONENT. ENSURE THE CABLES ARE FULLY SATURATED WITH V4 SOLUTION AND HEAT CURE THE COMPONENT FOR 1 MINUTE.



2. TOUCH UP CONNECTION AREA

ONCE THE CABLES HAVE DRIED, PLUG IN OR CONNECT THE CABLES INTO THE COATED COMPONENT AND ADD A FEW DROPS USING A PIPETTE TO THE SURROUNDING ATTACHED AREAS.



3. HEAT TO CURE

USE A HEAT GUN AT 176°F (80°C) TO HEAT THE CONNECTION POINTS FOR 1 MINUTE ON EACH SIDE OR 2-5 MINUTES IN A HEAT CURING OVEN. LET THE DEVICE COOL TO ROOM TEMPERATURE.

TOUCH UP COMPLETE.

SCAN FOR VIDEO INSTRUCTIONS



FOLLOW EACH PROCESS STEP BY STEP. SIMPLY SCAN THE QR TO LEARN MORE ON OUR APPLICATION VIDEO.



FIRST AID MEASURES

- **SKIN CONTACT:** IMMEDIATELY FLUSH THE CONTAMINATED CLOTHING AND FLUSH SKIN WITH WATER AND SOAP. IF SIGNS/SYMPTOMS DEVELOP, SEEK MEDICAL ATTENTION.
- **EYE CONTACT:** IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND THEN SEEK MEDICAL HELP. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.
- **INHALATION:** FOR MASSIVE INHALATION. IMMEDIATELY TRANSFER THE PATIENT TO AN AREA WITH FRESH AIR. IF THE PATIENT STOPS BREATHING, PLEASE PROVIDE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, PROVIDE OXYGEN AND SEEK MEDICAL HELP.
- **INGESTION:** IMMEDIATELY OBTAIN MEDICAL ATTENTION. DO NOT INDUCE VOMITING.



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