ECN \#: AH19701 DATE: $\qquad$

## CHANGE TO BE MADE

Change resistor R3 from $330 \mathrm{k} \Omega$ to $390 \mathrm{k} \Omega$. Add a 1 N 4004 or 1 N 4148 diode across resistor R3, with the cathode on VDD and anode on the point between R3 and C3.

## REASON FOR CHANGE:

Microcontroller cannot properly detect pad version when the user power cycles too rapidly.

## SPECIAL INSTRUCTIONS:

Number of pages attached:
1
This modification must be performed on all PCBs prior to rev K until the new revision that incorporates this fix is released.

MATERIAL DISPOSITION: Mark " x " on all that apply...

|  | USE AS IS | APPLY CHANGE(S) | SCRAP |
| :--- | :---: | :---: | :---: |
| ON ORDER |  | x |  |
| WIP |  | x |  |
| STOCK | x | x |  |
| RETURNS |  | x |  |

PROJECT ENGINEER:
Shultz_Wang $\qquad$
MANF. ENGINEER: / DIRECTOR'S INITS.
$\qquad$ /

BOM UPDATED:
UPDATED BY:
WORK ORDER UPDATED: $\qquad$ COORDINATOR:
$\qquad$
$\qquad$

## AC1A Pad Version Detect Fix

## Procedure:

Note: The following modification is to be performed on the rev A Operation PCB connected to the pads (AL9-40-0456-A).

1. Remove resistor $\mathrm{R} 3(330 \mathrm{k} \Omega)$.
2. Solder $390 \mathrm{k} \Omega$ resistor into location R 3 .
3. Solder 1N4004 or 1N4148 diode across resistor R3, with cathode (line) on VDD (the end of resistor R3 further away from chip U2), and anode on the point between R3 and C3.


