BACKGROUND:
- Add ESD protection components to reset signals
- Change RTC battery diode to low drop, low leakage device

DESCRIPTION OF CHANGE:
1. Add 0.1UF capacitor (C97) to ‘RESET_INn’ at U12 pin 1
2. Add 0.1UF capacitor (C98) to ‘RESETn’ at U12 pin 4
3. Add 10K pullup resistor (R81) at U10 pin 1
4. Add optional 0.01UF capacitor (C99) to ‘RESET_OUTn’ at R43 – **DNI**
5. Add 33ohm resistor (R79) in series to ‘RESET_OUTn’ to J2 pin 24
6. Add 33ohm resistor (R80) in series to ‘RESET_INn’ to J2 pin 23
7. Add OPTIONAL ESD protection diode, PESD3V3S2UT (D14) to ‘RESET_OUTn’ and ‘RESET_INn’ – **DO NOT LOAD**
8. Change D7 to BAS40-05

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**Reason for change:**
1. Add ESD protection components
2. Change RTC battery diode to low drop, low leakage device

**Dispnsion/Affectivity**
- Use as is: X
- Rework to ECO
- Scrap & Rebuild
- Record Change Only: X

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<th>MH</th>
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