









12C addr 0x54

Cape EEPROM

+5V

+5V

+5V

+5V

+5V

+5V

+5V

A0

24c256
5
5
5
5
105df

T05df

T05

BeagleBone Expansion Headers

| ADDR Part Type Location 0x10 U203 BQ77PL900 B/PM  | 1 |
|---|---|
| 0x54 U501 EEPROM BBB<br>0x90 U402 LTC2991 DC-DC<br>0x98 U203 LTC2990 Power In<br>0x9A U301 LTC2990 B/PM |   |

## NOTES

- \* Do NOT change ROCKET\_IGNITE, pin default reset state is High—Z w/ pulldown resistor. Other pins can be configured in EEPROM at boot time.
- \* All I2C devices on LTC3 are slaves. The BBB is the only master so the LTC will not need arbitration.

Portland State Aerospace Society <a href="http://psas.pdx.edu/">http://psas.pdx.edu/</a>

Sheet: /BeagleBone Black Cape/

File: beaglebone\_cape.sch

Title: LTC3 BeagleBone Black Cape Interface

 Size: B
 Date: 2016-05-07
 Rev: A

 KiCad E.D.A. kicad 4.1.0-alpha+201605071002+677644ubuntu16.04.1
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