









24C256 SCL U501 SDA I2C addr 0x54 Cape EEPROM

BeagleBone Expansion Headers

ADDR Part Type Location 0x10 U203 BQ77PL900 B/PM 0x54 U501 EEPROM BBB 0x90 U402 LTC2991 DC-DC 0x98 U203 LTC2990 Power In	12C Devices				
0x9A U301 LTC2990 B/PM	0×10	U203	BQ77PL900	B/PM	
	0×54	U501	EEPROM	BBB	
	0×90	U402	LTC2991	DC-DC	
	0×98	U203	LTC2990	Power In	

- \* Do NOT change ROCKET\_IGNITE, pin default reset state is High-Z w/ pulldown resistor. Other pins can be configured in EEPROM át 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/>

Sheet: /BeagleBone Black Cape/

File: beaglebone\_cape.sch Title: LTC3 BeagleBone Black Cape Interface

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