Wallace Technology
VuQube X100
Main Board

Config Jumpers/ LEDs

GPIO

External 16MHz Crystal

Azimuth, Tilt, Current Sense, LNB Voltage, Super Cap Voltage, Signal Strength

ADC

Microcontroller

Internal 8MHz Oscillator

SPI

Radio IC 2402-2470MHz

2402-2470MHz

GPIO

Motor Controller

LNB

Coax

Coax

Receiver

Power Tap

8V Supply

3.3V Supply

Overall System

Bulk Capacitor
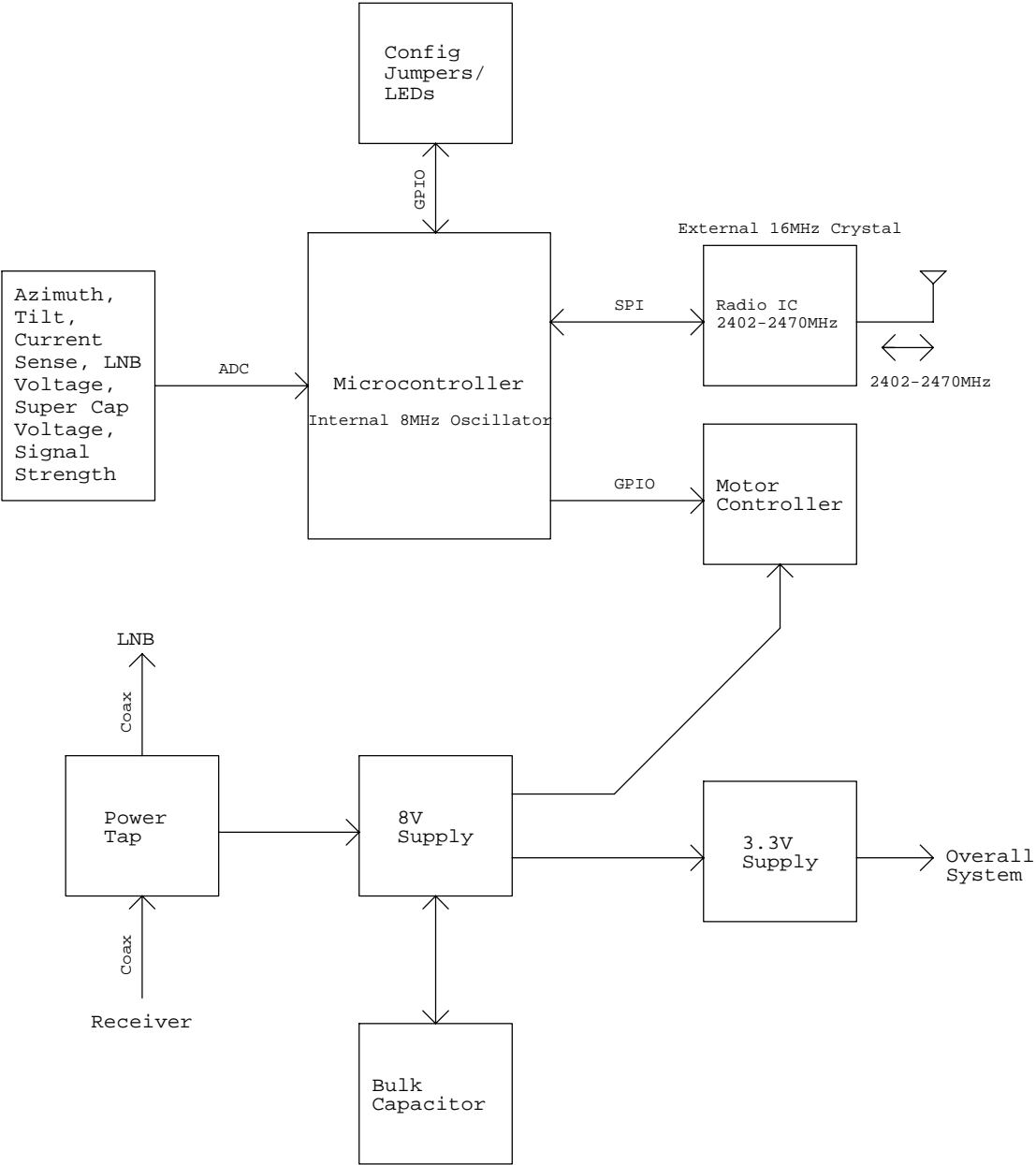
COLOR LEGEND

NOTE:
NOTES IN GREEN TEXT ARE GENERAL DESIGN OR SCHEMATIC NOTES

LAYOUT NOTE:
NOTES IN RED TEXT ARE PCB LAYOUT RECOMMENDATIONS OR GUIDELINES

NET NAMES
NET NAMES IN GREEN TEXT ARE NETS THAT ARE NOT DIRECTLY CONNECTED WITH A VISIBLE WIRE ON SINGLE SCHEMATIC PAGE, BUT USE THIS CONVENTION TO MAKE THE SCHEMATIC EASIER TO READ

NET NOTE
NET NOTES IN BLACK TEXT INDICATE A PARTICULAR FUNCTIONALITY OF A SPECIFIC NET, IT IS NOT A NET NAME MERELY TEXT AND HAS NO AFFECT ON THE DRC.

LOGIC PRODUCT DEVELOPMENT

411 WASHINGTON AVE. N
MINNEAPOLIS, MN 55401
PHONE: (612) 672-9495
FAX: (612) 672-9489

Title Title & Block Diagram
Size C   Number <number>   Rev A
Page Modify Date = Tuesday, December 12, 2006   Project <Orgaddr1>   Sheet 1 of 6