

2418-2461MHz

Antenna

U1  
ITR245L  
2.4G Module

U2  
G-Sensor  
ICM2600

U1  
BB8(MCU)  
STM32F301R8T LQFP64

Ni -MH 7.2V  
1800 mAh

LDO /3.3V

Head Frward Backward  
(Key)

Head Spin  
(Key)

Head Left Right  
(Key)

Head Det  
(Key)

Weight left right  
(Key)

motor drive  
AM1037A U10

Head Spin  
(Motor 1)

motor drive  
AM1037A U13

Head Left Right  
(Motor 2)

motor drive  
AM1037A U14

Head F B  
(Motor 3)

motor drive  
Mosfet

LEAN  
(Motor 4)

motor drive  
Mosfet

Axial Driver  
(Motor 5)

Title			BB8-Ball-Board drawing		
Size	Number		Revision		
A4					
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## Block Diagram

