BATTERY NIMH 4.8V

POWER SWITCH

VOLTAGE REGULATOR

KEY BOARD

MICROPHONE BODY

HAND MOTOR DRIVE CIRCUIT

LEFT LEG MOTOR DRIVE CIRCUIT

RIGHT LEG MOTOR DRIVE CIRCUIT

HEAD U/D MOTOR DRIVE CIRCUIT

HEAD L/R MOTOR DRIVE CIRCUIT

EYE MOTOR DRIVE CIRCUIT

MOUTH MOTOR DRIVE CIRCUIT

CHEEKS MOTOR DRIVE CIRCUIT

FOREHEAD MOTOR DRIVE CIRCUIT

HEAD L/R MICROPHONE AMPLIFIER CIRCUIT

Main Part

CPU GPL326XXB

Body Motor Control Part

MCU GPCE2P064A

Head Motor Control Part

MCU GPM8F2202A

Y1

Y2

CRYSTAL 32768Hz

CRYSTAL 12MHz

Y3

CRYSTAL 32768Hz

ANT

2412MHz to 2462MHz

WIFI MODULE

CAMERA YT0308CL

SPEAKER 8ohm/0.5W

HAND MOTOR SERVO VR

LEFT LEG MOTOR SERVO VR

RIGHT LEG MOTOR SERVO VR

HEAD U/D MOTOR SERVO VR

HEAD L/R MOTOR SERVO VR

EYE MOTOR SERVO VR

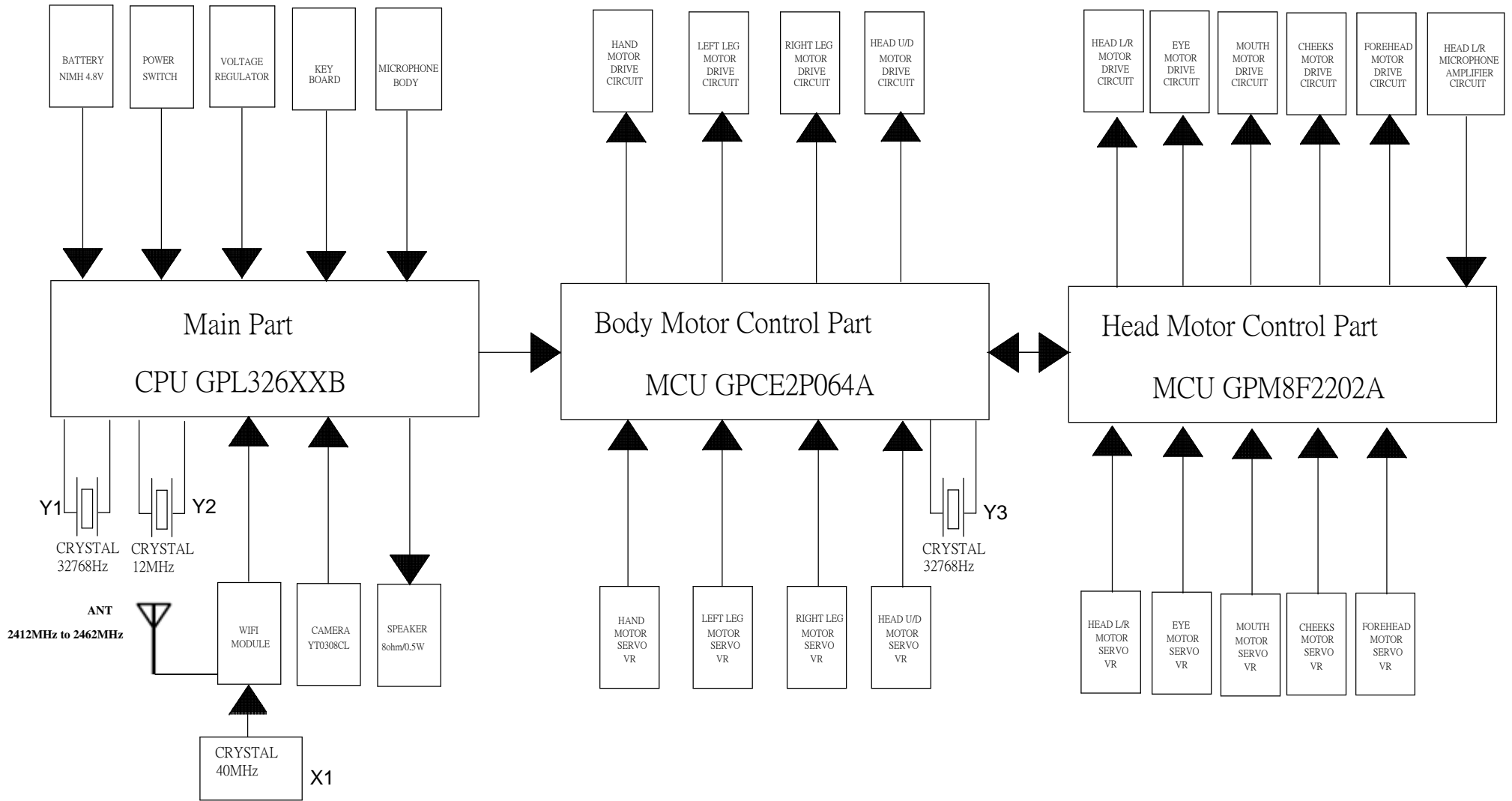MOUTH MOTOR SERVO VR

CHEEKS MOTOR SERVO VR

FOREHEAD MOTOR SERVO VR

CRYSTAL 40MHz

X1

Early Light Industrial Co. Ltd.

TITLE: Einstein Block Diagram

DRAWING NO: HRE001	DRAWN BY: Xiaohua Tang	DATE: 2016-12-02
	CHECKED BY: Gaofeng Hu	DATE: 2016-12-02
REV: 00	SHEET: 1 OF 1 ,	SIZE: A3

RTL8711AF Internal Block Diagram