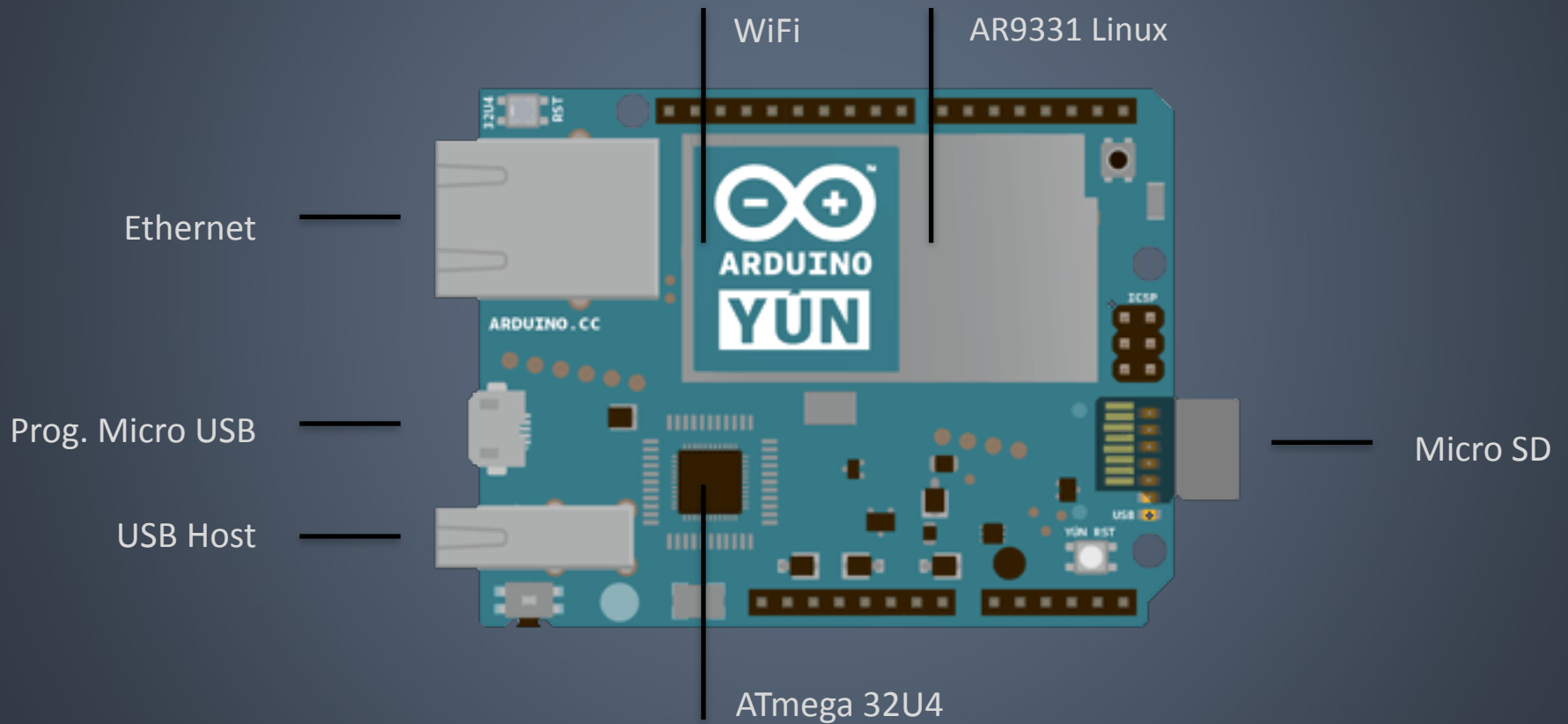


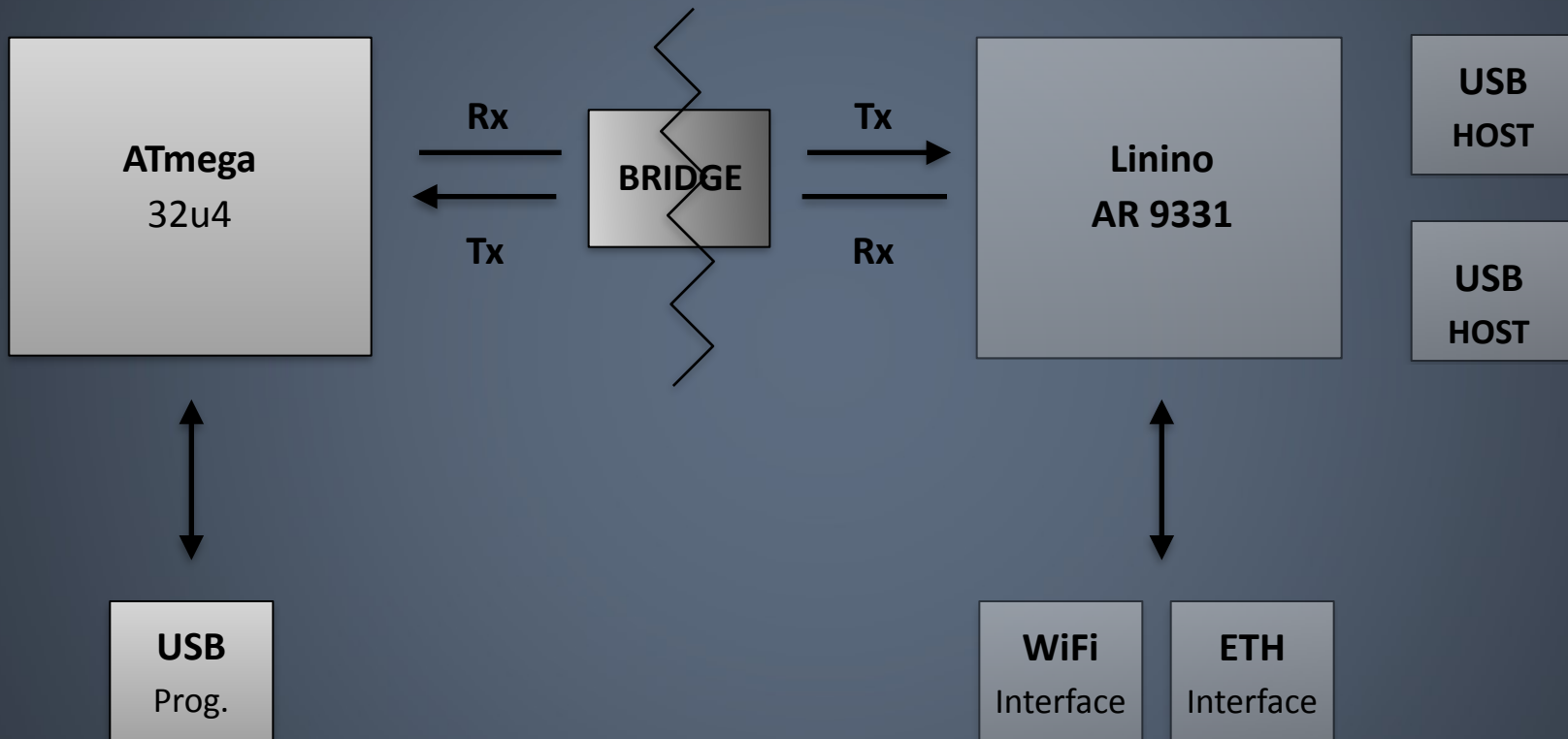
Fingies Hardware

AVR Arduino microcontroller, Linux microprocessor &
Fingies Shield

Arduino Yún



Internal-Serial-Bridge



Arduino Environment

Linux Environment

AVR Arduino Microcontroller

Microcontroller	ATmega32u4
Operating Voltage	5V
Input Voltage	5V
Digital I/O Pins	20
PWM Channels	7
Analog Input Channels	12
DC Current per I/O Pin	40 mA
DC Current for 3.3V Pin	50 mA
Flash Memory	32 KB (of which 4 KB used by bootloader)
SRAM	2.5 KB
EEPROM	1 KB
Clock Speed	16 MHz

Linux Microprocessor

Processor	Atheros AR9331
Architecture	MIPS @400MHz
Operating Voltage	3.3V
Ethernet	IEEE 802.3 10/100Mbit/s
WiFi	IEEE 802.11b/g/n
USB Type-A	2.0 Host/Device
Card Reader	Micro-SD only
RAM	64 MB DDR2
Flash Memory	16 MB

Fingies Shield



Micro USB

LiPo Charger

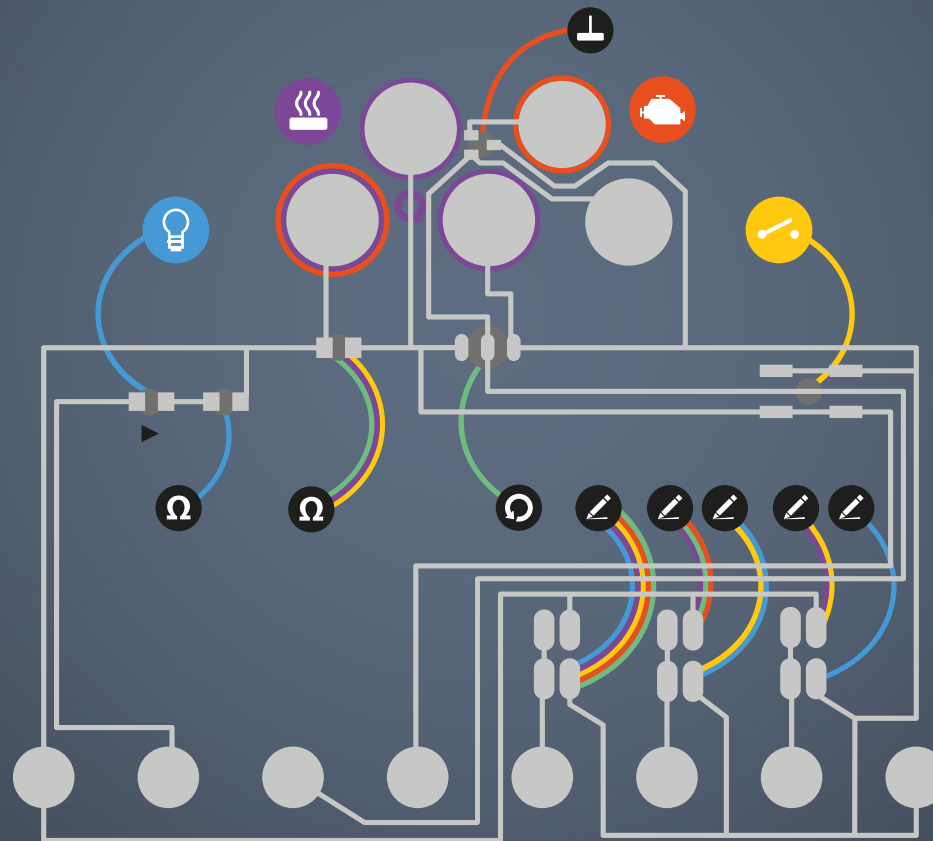
Power Button

Analog Switch

Battery

Magnetic Pins

Function Cards



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