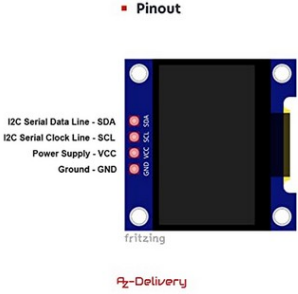
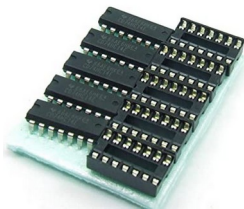






N-th Web Radio

Bill of Materials

Q.ty	Description	Picture	Link
n.1	ERP32 Wroom		ESP32
N.2	AIYIMA 2 PCS 4ohm 3 W		Loudspeaker 4Ohm
N.1	PAM8403		Amplifier
N.1	VS1003B VS1053		Mp3 chip
N.2	Audio transformer T 1:1 / 600:600		Audio filters

N.1	IR Sensor		KY-022 IR
N.1	OLED 128x64 4 wire	<p>Pinout</p>  <p>I2C Serial Data Line - SDA I2C Serial Clock Line - SCL Power Supply - VCC Ground - GND</p> <p>fritzing</p> <p>Hz-Delivery</p>	OLED 1306
N.1	HC74C14 Triggered NOT gate		74HC14
N.1	Electrolytic capacitor: 1mF x 16V		1mF Capacitor
N.4	Electrolytic capacitor: 0.1umF x 16V		1mF Capacitor
N.9	Resistor 10KOhm 0.25W	 <p>10K ohm</p>	Resistors

N.4	Push buttons		Push buttons
N.1	5.5mm Power supply jack		5.5 mm Jack
N.1	Switch Radio/Clock mode		Switch

Schematic

