Recommended links for purchasing the required components:

1. **MicroController +LCD**

   www.lilygo.cc/products/t-display-s3 (Important: choose the Touch Soldered Version model H589)

2. **Amplifier+DAC**

   https://www.sparkfun.com/products/14809 (Module based on MAX98357AI2S- 3W Class D Amplifier Breakout)

3. **Speaker** 5W 4 Ohm 40mm or similar for example -

   www.amazon.com/CocinaCo-Range-Audio-SpeakerLoudspeaker/dp/B07VB74BW9

4. **Optional components:** You can operate the radio using one18650 battery by using the small red & black cable supplied with your Microcontroller.

   www.sparkfun.com/products/12895 Battery holder
   www.sparkfun.com/products/12899** Battery

5. ON/OFF Switch -

   ON/Off Rocker Switch (2 pins 10X15 mounting hole)

6. LED 3mm (it will be connected instead on the charging indicator LED on the board)
7. Note: There are many similar products from other vendors, they will all work.
8. Note: you can use other DAC's that support I2S such as PCM5102A, UDA1334A, CS4344. Other HW may work but not tested.
9. Wi-Fi Antenna - https://www.adafruit.com/product/2308 or similar U.FL (IPEX or IPX) connector.