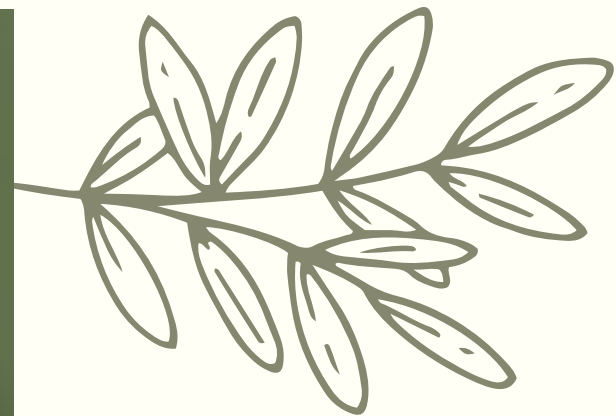
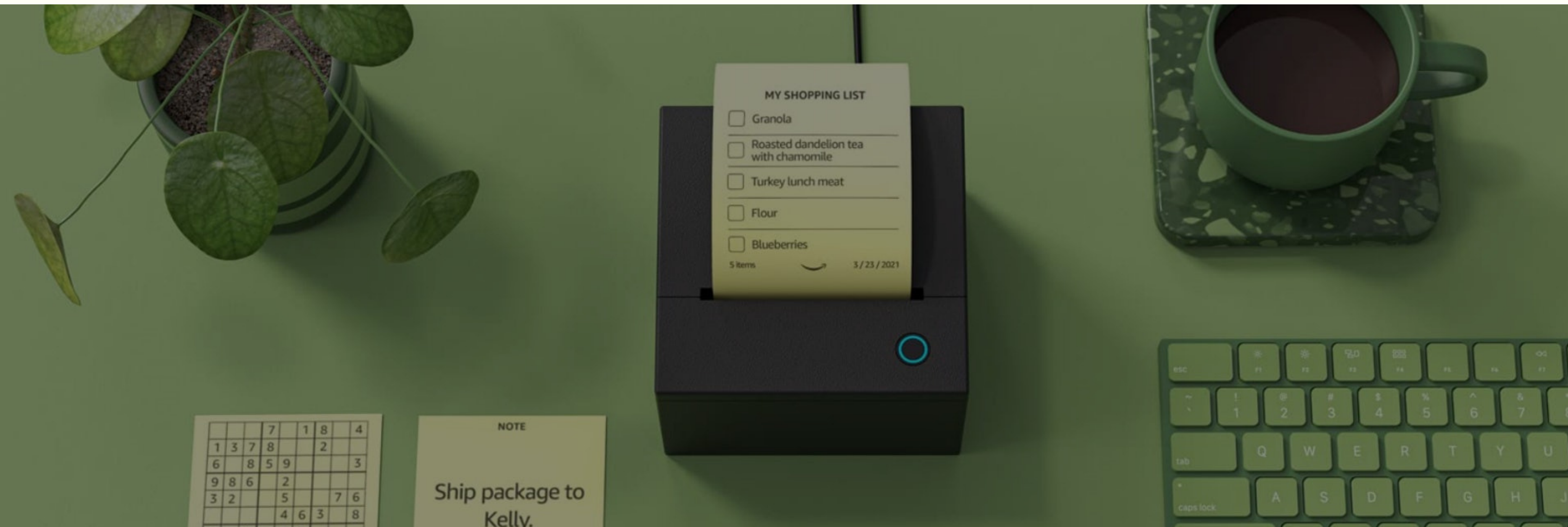


Voice Controlled printer

"Say it" "print it" "stick it"



Why do we need sticky notes?

- They help you visualize your tasks and to-dos.
- Sticky notes are an effective way to organize your workflow.
- They also assist you in planning all your work beforehand.
- Coming up with ideas is quick while using sticky notes.



What is a smart sticky note printer?

It is a compact printer that works with bluetooth and lets you dictate notes to be printed



Perks of using the smart sticky note printer



**Helps you make
quick notes, hands
free**

**Print the moment,
you remember**

No ink needed

**You just have to
use your voice and
nothing else**

Where can the smart sticky note
printer be used ?



1. Create a "to-do" list



2. Set reminders or leave messages



3. Make a schedule or plan



SCHEDULE OR PLAN

4. Bookmark pages



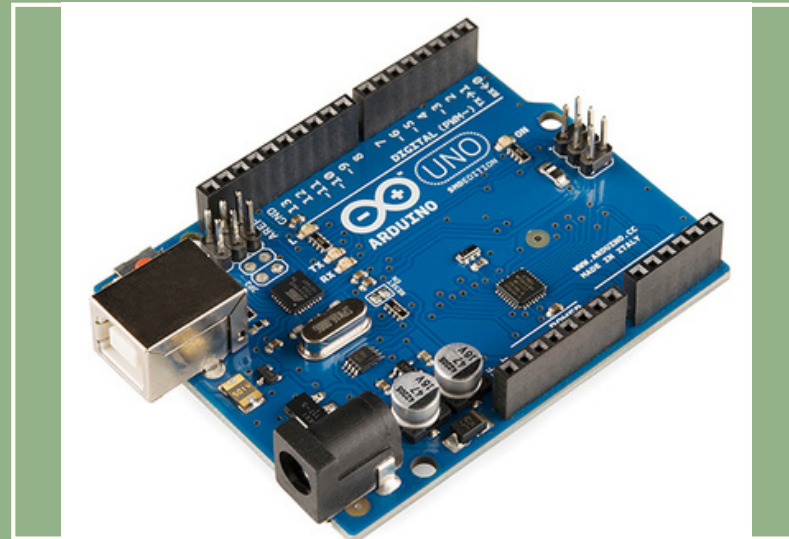
A WORK IN
PROGRESS

Implementation of our product



What are the components that will be required?

1



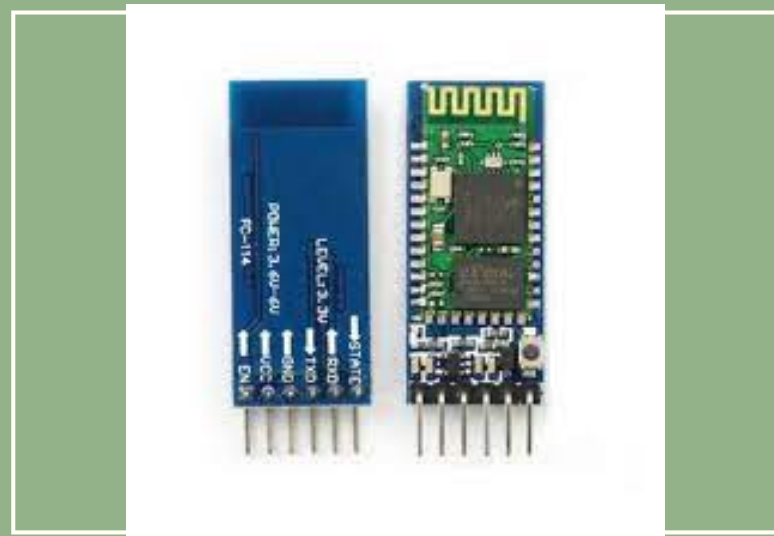
ARDUINO UNO

2



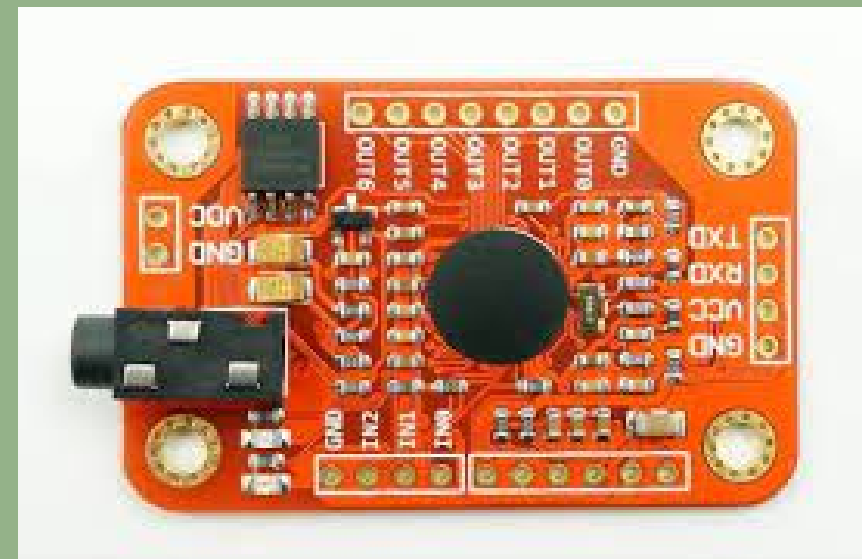
THERMAL PRINTER

3



BLUETOOTH MODULE

4



VOICE RECOGNITION
MODULE

Specifications

Arduino UNO

- Microcontroller: Atmega328
- Operating voltage: 5V
- Clock speed: 16 MHz
- Digital I/O pins-14
- Analog I/O pins are 6

Thermal printer

- Direct thermal print
- Operating voltage DC 3.5 V - 9 V
- Printing Width 58 mm
- Printing Interface TTL/RS232
- Speed 85 mm/s



Specifications

HC-05 Bluetooth Module

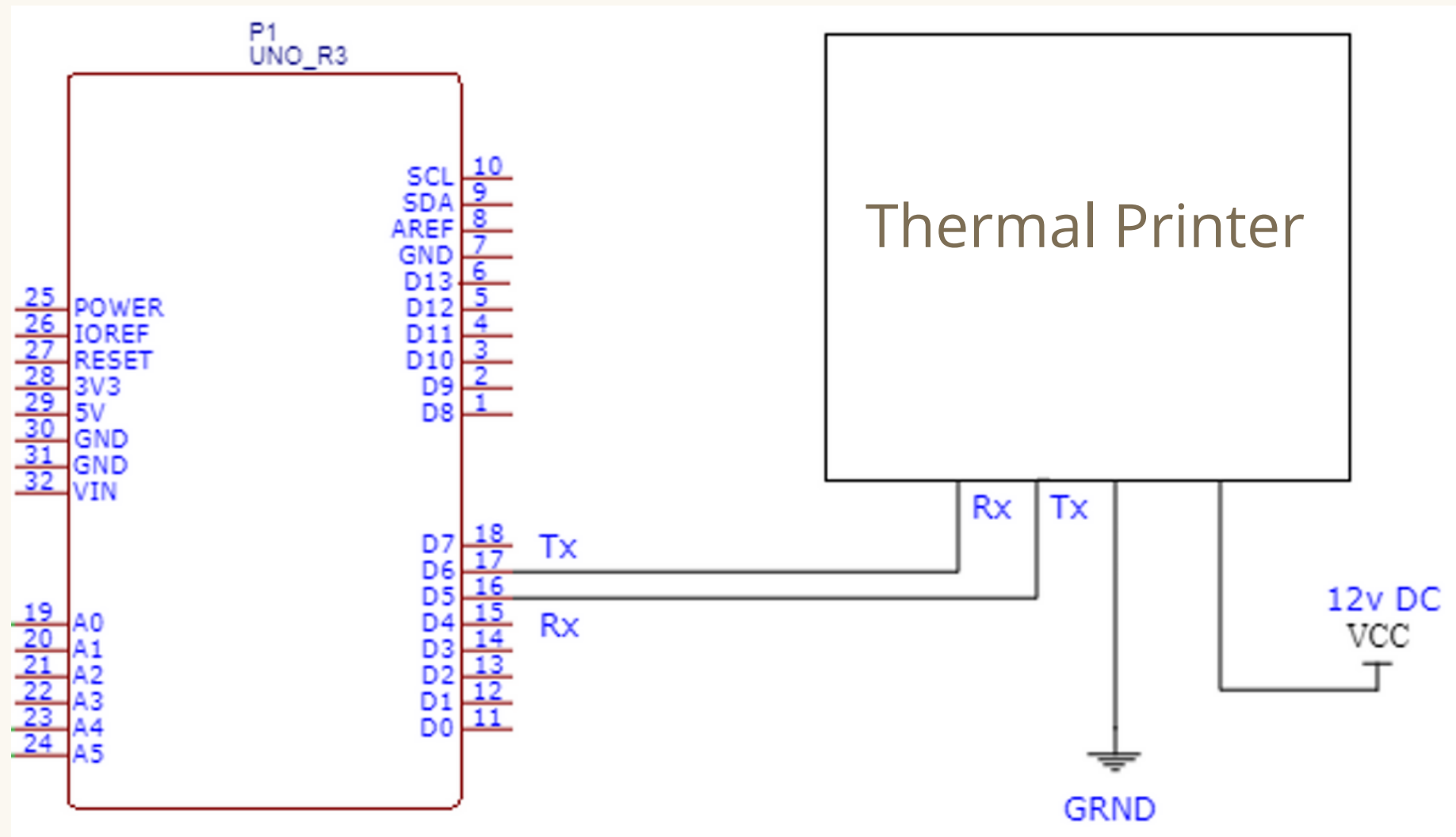
- Operating Voltage: 4V to 6V
- Operating Current: 30mA
- Range: <100m
- Works with Serial communication

Voice Recognition Module

- Operating Voltage: 4.5-5.5V
- Operating Current: <40mA
- Recognition accuracy: 99%
(under ideal environment)
- Maximum 7 voice commands effective at same time



Interfacing of the components



How to use ?



STEP 1 : LOAD THE PAPER

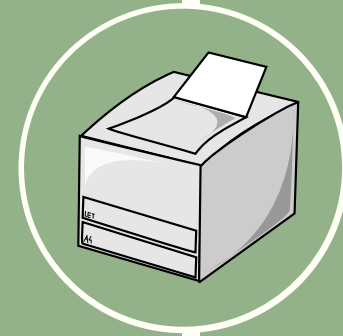


STEP 2 : SET UP YOUR SMART STICKY
NOTE PRINTER

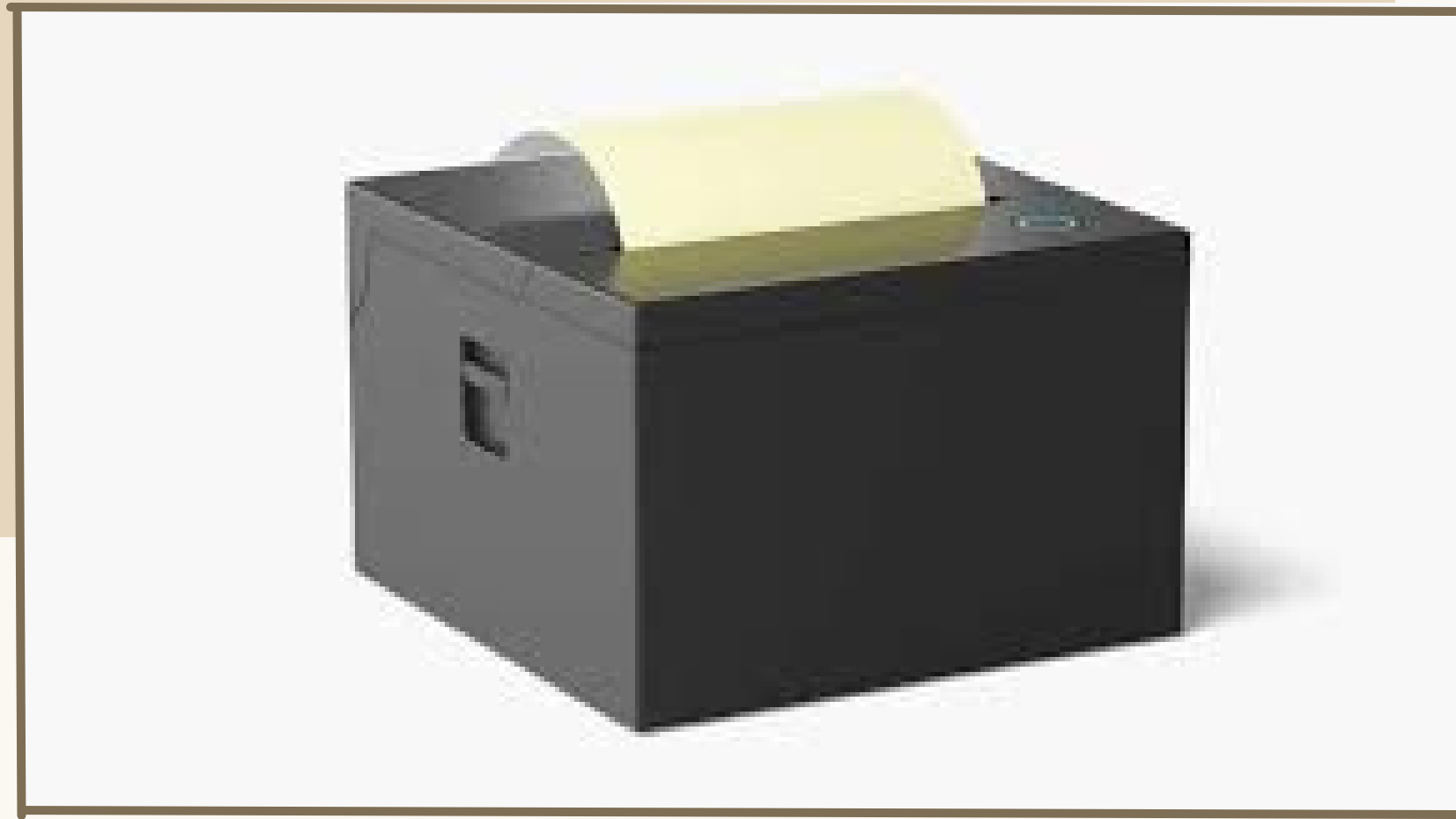
How to use ?



STEP 3 : PAIRING WITH
ALEXA



STEP 4 : HOW TO PRINT ?

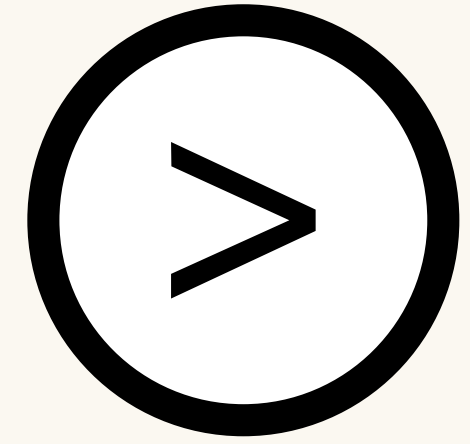


Other players in this field

Amazon's *Alexa*
enabled smart sticky
note printer

The Amazon Smart Sticky Note Printer is priced at \$90 and comes with a yellow sticky paper roll to get started, which can be replaced with one of the same or others in pink, blue or white color options.

How is our product going to be different than others?



- low cost
- portable (space saving)
- low power consumption
- visually attractive
- can be paired with any speech recognition module other than Alexa.
- compatible with mobile phones



Thank You

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