Digital pet (mind map)

Shape
- egg
- Sphere
  - cylinder
  - round objects are more asthetically pleasing
- Cube (rubik's cube)
- rounded edges

Ergonomic
- Portable → Speaker
- Fits in hand
- less wire clater

Keep it visual simple → Blends in with environment → Mass production and use

K.I.S.S

Users
- Emotion → Keep it alive → keep it happy
- Moderation — no spam unless requested → Alarm
- Usefulness
- Entertainment

Show Time
- Alarm
- colour signals

Emotions
- Question mark
- confused
- Sad — Red greg
- happy — green yellow
- angry — red orange
- Dancing — disco
- Excited

Use?
- Learning → equations
- keeping entertained
- Sleep tracking → alarm
- Speakers
- Diary

Display
- education levels solved
- Mood
- Music Played
- Time → Time slept — Restlessness

Assistant (Amazon echo)
- alarm
- camera
- Search
- Web
- Music

Home controls
- restrict web access and other gadgets
- remote

Reminder
- calender
- To do list

active LED
(red) ON!

OFF LED
(other Face)
expression

Translucent
3D printer Filliment

holo
space
(light
defuse)

LED wire
Frame

Top / plan
View

Side View
changing colour
+ smiley Face
during evenings

Bottom view
CE sign
- power cable
- battery latch

2nd/3rd
layer

RTC

battery Socket

Neo pixel

wire
connecting
to components

pi3

power supply
cable

USB
data
connection

Speaker
out put
holes
(1st layer)

sleep tracker?

Button

- Raspberry pi 3
- Power Supply + cable
- LED mounting board (eye) "endon
- Speakers
- Translucent 3D printer
  Filliment
- batter socket + door latch
- Haptic Feed back modual
- RTC chip
- Sleep tracker?
- Button
- Vibration sensor
- Heart rate Monitor (wristband?)
- Neo-pixel lights for Mood and
  Speakers
- WiFi Modual

TOP ASSEMBLY

85
58
29
3.0
CORNER RADIUS = 3.0mm

49
28

47
56
29

10 25
11.5

3.5
10.6
3.5

13

6.2
2.75

4x M2.5 MOUNTING HOLES
DRILLED TO 2.75+/- 0.05mm

32
53.5
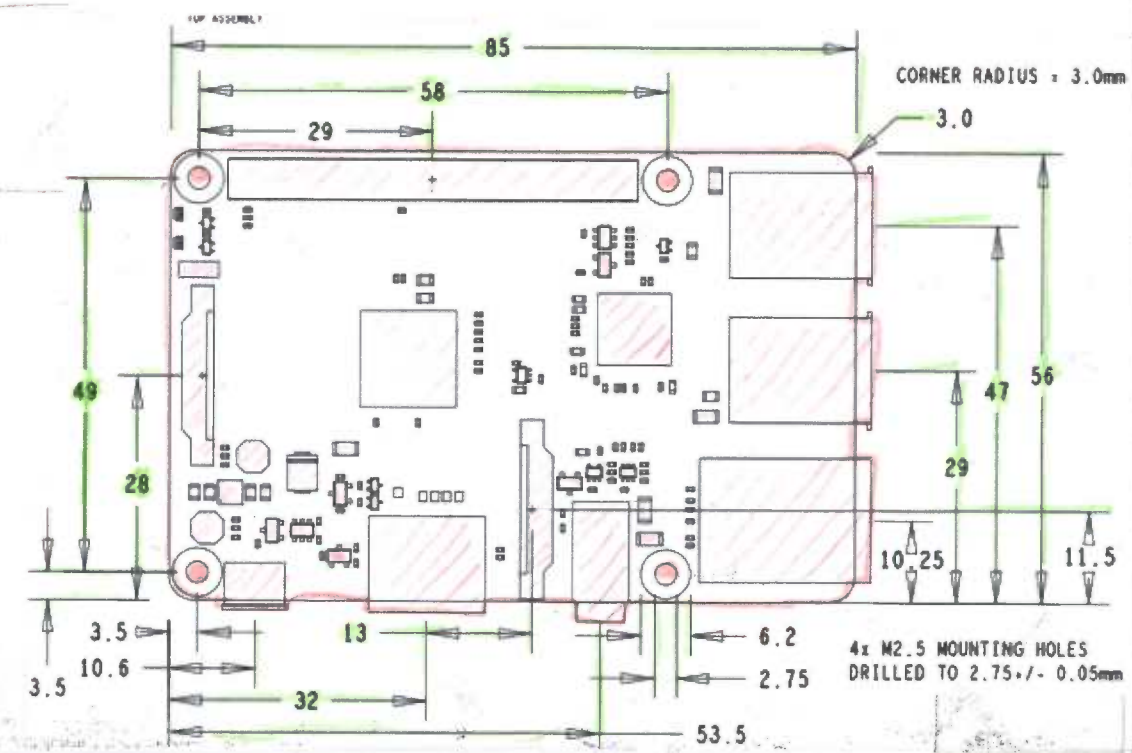
Dimensions + parts

Full body
Frame
Shell

4 parts!

Egg half 1

Egg half 2

170MM

290MM

250 MM

Component
Rest plate 1

- Neo pixel

150 MM

Main component
hub

- Speakers
- button

- pi 3
- power cable
- battery socket
- RTC
- sleep tracker

40MM

130MM