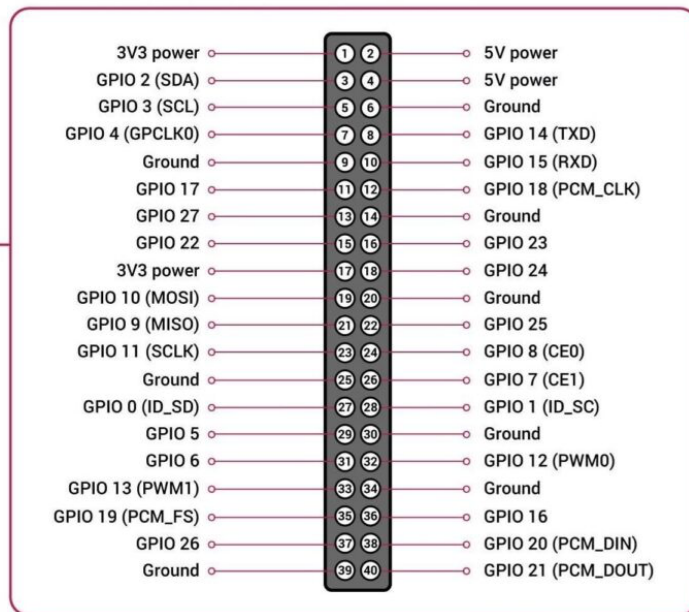


BREADBOARD ASSIGNMENTS



40 GPIO Pins Description of Rasperrv Pi 5

Breadboard 1 - First 7 Medications, Buzzer and Button

GPIO & Pin	Purpose	Medication Assigned
GPIO 2	LED 1 – Visual Alert	Amlodipine Besylate
GPIO 3	LED 2 – Visual Alert	Azithromycin
GPIO 4	LED 2 – Visual Alert	Levothyroxine
GPIO 14	LED 4 – Visual Alert	Metformin
GPIO 15	LED 5 – Visual Alert	Lisinopril
GPIO 17	LED 6 – Visual Alert	Atorvastatin
GPIO 18	LED 7 – Visual Alert	Simvastatin
GPIO 27 & PIN No 14	Buzzer – Audio Alert	N/A - Audio Alert
GPIO 22	Button - Patient Confirmation	N/A - Button 1
PIN 6	Ground	
PIN 1	Power	

Breadboard 2 - Other 7 Medications, Buzzer and Button

GPIO & Pin	Purpose	Medication Assigned
GPIO 5	LED 1 – Visual Alert	Losartan
GPIO 6	LED 2 – Visual Alert	Omeprazole
GPIO 12	LED 2 – Visual Alert	Hydrochlorothiazide
GPIO 13	LED 4 – Visual Alert	Gabapentin
GPIO 16	LED 5 – Visual Alert	Sertraline
GPIO 19	LED 6 – Visual Alert	Hydrocodone
GPIO 20	LED 7 – Visual Alert	Ibuprofen
GPIO & PIN No	Buzzer – Audio Alert	N/A - Audio Alert
GPIO 26	Button - Patient Confirmation	N/A - Button 1
PIN 17	Ground	
PIN 39	Power	

Breadboard 1 and 2 – Physical Layout

