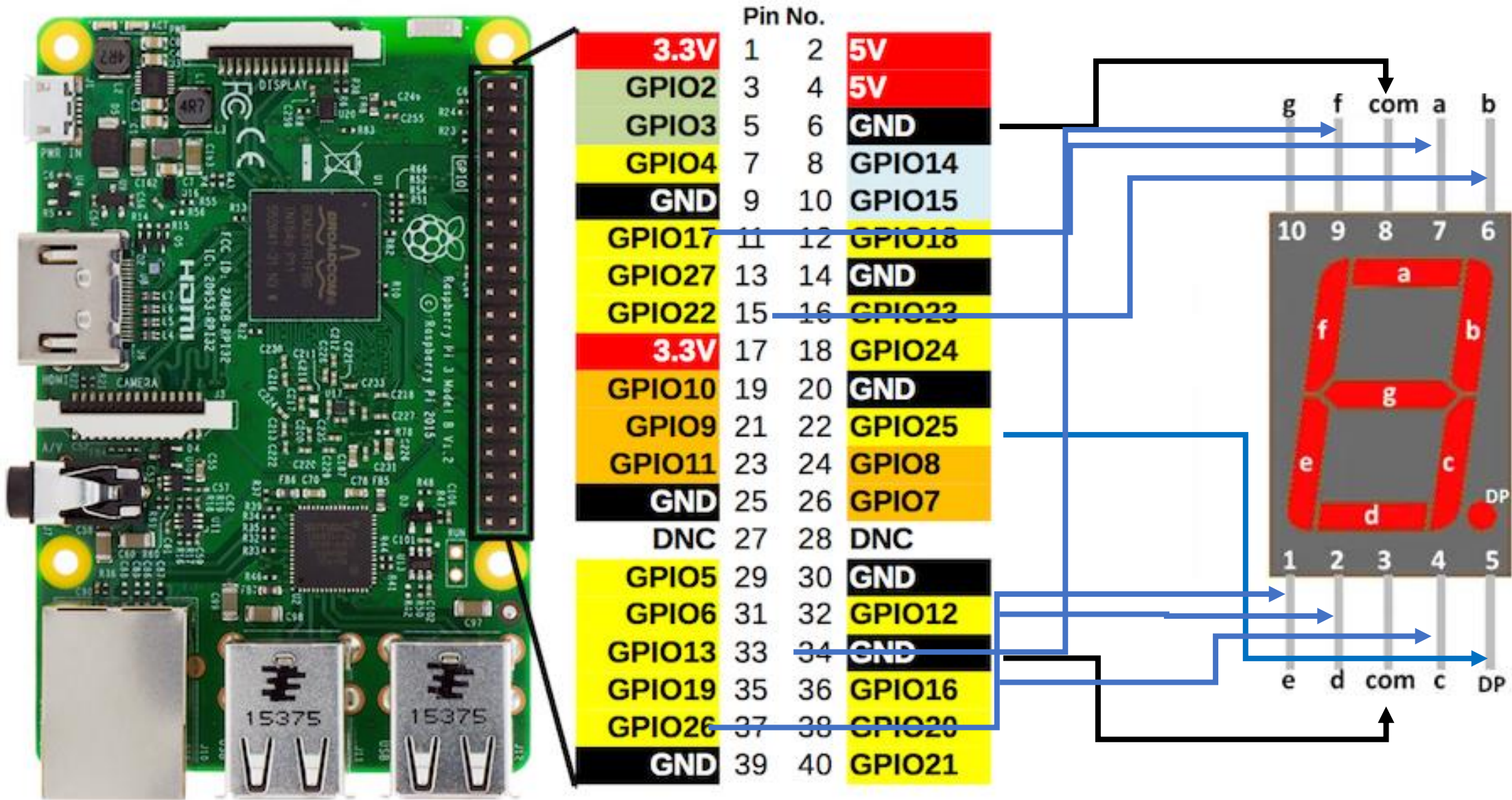# 7 Segment LED Display

Fun with Raspberry Pi and Scratch

- Yashmith Reddy

7 Segment LED Display Pin connections with Raspberry Pi

7 Segment LED Display – Connected Pin info

Segment	DP	g	f	e	d	c	b	a
GPIO	25	22	13	26	12	6	20	17

7 Segment LED Display numbers and segments

DIGIT TO DISPLAY	DP	g	f	e	d	c	b	a
0	0	0	1	1	1	1	1	1
1	0	0	0	0	0	1	1	0
2	0	0	1	1	1	0	1	1
3	0	1	0	0	1	1	1	1
4	0	1	1	0	0	1	1	0
5	0	1	1	0	1	1	0	1
6	0	1	1	1	1	1	0	1
7	0	0	0	0	0	1	1	1
8	0	1	1	1	1	1	1	1
9	0	1	1	0	1	1	1	1

7 Segment LED Display numbers and segments

DIGIT TO DISPLAY	Segments on
0	f, e, d, c, b, a
1	c, b
2	f, e, d, b, a
3	g, d, c, b, a
4	g, f, c, b
5	g, f, d, c, a
6	g, f, e, d, c, a
7	c, b, a
8	g, f, e, d, c, b, a
9	g, f, d, c, b, a

Appendix

- https://pijaeducation.com/arduino/seven-segment/seven-segment-led-types-and-pin-config/
- https://pijaeducation.com/arduino/seven-segment/how-to-use-seven-segment-display/

Thank You