

## Decision Matrix

LED Display	7-Segment	Emoji miniature	32 x 32 Dot Matrix
Cost	\$14.95	\$11.95	\$39.95
Supply Voltage	5V	3V (yellow)	5V
Supply Current	20mA	120mA	2 – 4Amps
Battery life	<i>good</i>	<i>good</i>	<i>ok</i>
Display Capacity	<i>20chars x 2lines</i>	<i>1 digit</i>	<i>~15 chars</i>
Special Character display	<i>yes</i>	<i>no</i>	<i>yes</i>
require programing	<i>yes</i>	<i>yes</i>	<i>yes</i>
Software support	<i>Arduino, Raspberry pi</i>	<i>Arduino</i>	<i>Arduino, Raspberry pi</i>
size	<i>medium</i>	<i>small</i>	<i>large</i>
Complexity of programing	<i>easy</i>	<i>easy</i>	<i>medium</i>