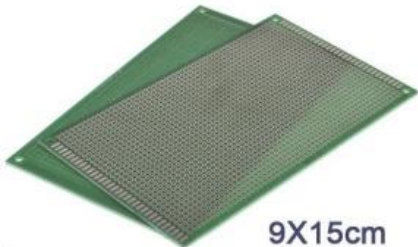













Component	Description	Qty	Cost A\$
	REMI 3 custom PCB (if available) ... or... Prototyping board 90 x 150 mm Dot matrix, 2.54mm (0.1") grid Fibreglass (1.5mm) Double-sided, plated through holes	1	5.00 (?)
	Teensy 3.2 Micro-controller module incl. PCB header pins. (PJRC / Sparkfun / Core Elec. / etc.)	1	35.00 (incl.)
	OLED graphics display module 128 x 64 pixels (white or sky-blue) 4-pin IIC (I2C) interface SH1106 controller chip PCB size: 33 x 35mm (approx)	1	3.00 (incl.)
	Pressure sensor module MPX10-GP / MPS20N0040D / etc	1	TBA (\$10 ?)
	DC-DC step-up converter / regulator Input: 1V ~ 4V    Output: 5V (0.5A min.)	1	2.50 (incl.)
	Headphone amplifier module, stereo. TPA6112 breakout, incl. header pins	1	4.50 (incl.)
	Audio power amplifier module, mono, class-D, 2.5W (rms)	1	5.00 (incl.)
	Speaker, full range, 45mm square, 4 ohm, Neodymium magnet (minimum order qty = 2)	1	14.00 (qty 2)

	Potentiometer, radio volume style A10k (audio taper), stereo	1	0.50
	Force sensitive resistor, FSR-402	1	5.00
	Battery holder, 2 x AA cell	1	2.00 (incl.)
	Chicago screws (for touch pads) Shank (barrel) length: 4mm Head diameter: 10mm (Nickel-plated, stainless steel, brass, etc.)	10	4.00 (incl.)
	Audio jack ¼ inch, TS (mono) panel mount	1	2.00
	Headphone socket, TRS (stereo), T+R switch ccts, PCB mounting, 5 pins	1	2.50
	RCA phono socket, panel mount	1	1.00
	Enclosure kit (incl. mouthpiece)	1	TBA (\$20 ?)
Sundry components	PCB pin headers, SIL 3-pin & 2-pin	4	10.00
	PCB pin header, double row, 2 x 4 pin	1	
	Inline connector, female ccts: 2, 3 & 4 way	6	
	Push-button, SPST, R/A PCB, 6mm stem	2	
	LED, round 3mm, 1 x red (HE), 1 x blue	2	
	Solder lugs (for touch-pads, etc)	20	
	MOSFET, P-channel, IRLML6302 (TO92 breakout adapter) or equivalent	1	
	Capacitor, polyethylene, 100nF (50V)	1	
	Capacitor, electro. RB 22uF (16V)	2	
	Resistors, metal film, ¼ W	12 ?	
	Diode, Schottky, 1N5819	1	
	Tubing, nylon, 5.5~6mm OD, 3~4mm ID		
	Hookup wire (rainbow ribbon)		
<b>Total parts cost (estimate):</b>		<b>AUD</b>	<b>\$125.00</b>
		<b>USD</b>	<b>\$90.00</b>
		<b>euro</b>	<b>€75.00</b>