












Gamegirl-BOM v0.2 - minimal assembly version

In order to simplify the sourcing of the parts, we tried to get all PCB components from one distributor. You might find them cheaper somewhere else!

          	Item	Description	Reference	Distributor	Part Number	Quantity	Unit price \$	Unit price €	Comment
	PCB			oshpark		1	USD 50.55		1
	PI-ZERO	Raspberry Pi Zero - Version 1.3		adafruit		1	USD 5.00		
	8bitdo Zero			amazon			USD 16.99		
	ER-TFT024-3	Display		buydisplay	ER-TFT024-3	1	USD 6.99		
	Display connector	Display connector	U1	buydisplay	option on display page	1	USD 0.29		
	Diode	DIODE GEN PURP 75V 150MA SOD323	D1; D2 ;D3; D4; D6; D7; D8; D9; D10; D11; D12; D13	digikey	1N4148WS-FDICT-ND	12	USD 0.16	EUR 0.15	
	Resistor 330	RES SMD 330 OHM 1% 1/8W 0805	R6; R7; R8; R9	digikey	311-330CRCT-ND	10	USD 0.02	EUR 0.02	
	Resistor 1k	RES SMD 1K OHM 1% 1/8W 0805	R1; R2; R3; R4; R10; R16	digikey	311-1.00KRCT-ND	10	USD 0.02	EUR 0.02	
	Resistor 10k	RES SMD 10K OHM 0.1% 1/8W 0805	R13; R12	digikey	YAG2131CT-ND	2	USD 0.38	EUR 0.36	
	MOSFET P	MOSFET P-CH 20V 3.7A SOT-23	Q1	digikey	IRLML6402PBFCT-ND	1	USD 0.40	EUR 0.38	
	Dome Switch	SWITCH TACTILE SPST-NO 0.05A 15V	SW6; SW7	digikey	EG4622CT-ND	2	USD 0.19	EUR 0.18	

Comment

1 You can only order three (or a multiple of three) Gamegirl PCBs from OSHPark. The unit price is for **three** PCBs!