

PARSEC Supergun v2.2 Parts List

	Description	Package	Digikey Part #	Price	Qty. Price 10
<b>PCB</b>	PARSEC v2.2 PCB				
	56 pin JAMMA Connector 3.96mm pitch			\$4.85	\$2.0900
	24 pin ATX Power Connector			\$1.28	\$1.2800
	PCB Mounting Feet (4)			\$0.44	\$0.4400
<b>REG</b>	-5v DC-DC Converter		296-20501-ND	\$13.84	\$13.6340
<b>T1</b>	1:1 Audio Isolation Transformer		237-1121-ND	\$5.68	\$4.3180
<b>T2</b>	1:1 Audio Isolation Transformer		237-1121-ND	\$5.68	\$4.3180
<b>CN1</b>	15 pin D Sub Connector Male		AE10976-ND	\$1.10	\$0.9640
<b>CN2</b>	15 pin D Sub Connector Male		AE10976-ND	\$1.10	\$0.9640
<b>CN4</b>	8 pin Mini-DIN connector		CP-2280-ND	\$2.62	\$2.3850
<b>CN5</b>	4 pin Mini-DIN connector		CP-2240-ND	\$1.97	\$1.7890
<b>CN6</b>	Yellow RCA Jack		CP-1421-ND	\$1.43	\$1.2700
<b>CN7</b>	Stereo 1/8" Headphone		CP1-3555NG-ND	\$0.95	\$0.8380
<b>CN9</b>	6p JST 2.5mm Kick Harness Header		455-2271-ND	\$0.27	\$0.2580
<b>CN10*</b>	5p JST 2.5mm Coin Door Header (option)		455-2270-ND	\$0.25	\$0.2370
<b>CN11</b>	12p Header Receptacle		S7109-ND	\$0.82	\$0.7180
<b>CN12</b>	4p Header Receptacle		S7105-ND	\$0.58	\$0.5480
<b>SW1</b>	DPST Pushbutton Switch		401-1132-ND	\$1.39	\$1.2940
	Cap for Switch		401-1148-ND	\$0.45	\$0.4290
<b>SW2</b>	DPDT Slide Switch 1A		563-1565-ND	\$1.12	\$1.0720
<b>SW3</b>	DPDT Slide Switch 200mA		EG1940-ND	\$0.77	\$0.7420
<b>SW4</b>	DPDT Micro Slide Switch		401-2001-ND	\$0.45	\$0.4410
<b>SW5</b>	DIP Switch 6 position		CT2066-ND	\$0.90	\$0.8790
<b>SW6</b>	Tact Switch		450-1650-ND	\$0.10	\$0.0960
<b>SW7</b>	Tact Switch		450-1650-ND	\$0.10	\$0.0960
<b>SW8</b>	Tact Switch		450-1650-ND	\$0.10	\$0.0960
<b>SW9</b>	Tact Switch		450-1650-ND	\$0.10	\$0.0960
<b>LED1 red</b>		0805	160-1415-1-ND	\$0.36	\$0.2580
<b>LED2 green</b>		0805	160-1426-1-ND	\$0.31	\$0.2290
<b>LED3 blue</b>		0805	732-4982-1-ND	\$0.18	\$0.1722
<b>U1</b>	BH7236AF	24-SOIC	BH7236AF-E2TR-ND	\$2.91	\$2.9120
<b>U2</b>	EL1883	8-SOIC	EL1883ISZ-ND	\$3.07	\$2.7610
<b>U3</b>	THS7316	8-SOIC	296-26684-1-ND	\$0.90	\$0.8020
<b>X1</b>	3.579545 MHz		XC235-ND	\$2.47	\$2.4150
<b>L1</b>	68uH	0805	587-2450-1-ND	\$0.18	\$0.1600
<b>C1</b>	27p	0805	399-8056-1-ND	\$0.14	\$0.1030
<b>C2</b>	0.1uF	0805	311-1361-1-ND	\$0.16	\$0.0543
<b>C3</b>	0.1uF	0805	311-1361-1-ND	\$0.16	\$0.0543
<b>C4</b>	0.1uF	0805	311-1361-1-ND	\$0.16	\$0.0543
<b>C5</b>	0.1uF	0805	311-1361-1-ND	\$0.16	\$0.0543
<b>C6</b>	0.1uF	0805	311-1361-1-ND	\$0.16	\$0.0543
<b>C7</b>	0.1uF	0805	311-1361-1-ND	\$0.16	\$0.0543
<b>C8</b>	0.1uF	0805	311-1361-1-ND	\$0.16	\$0.0543
<b>C9</b>	0.1uF	0805	311-1361-1-ND	\$0.16	\$0.0543
<b>C10</b>	10uf	1206	399-8153-1-ND	\$0.28	\$0.1900
<b>C11</b>	0.47uF	4mm dia	732-8269-1-ND	\$0.19	\$0.1646
<b>C12</b>	47uF	5mm dia	732-8416-1-ND	\$0.20	\$0.1720
<b>C13</b>	47uF	5mm dia	732-8416-1-ND	\$0.20	\$0.1720
<b>C14</b>	100uF	6.3mm dia	493-2177-1-ND	\$0.37	\$0.2570

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C15	100uF	6.3mm dia	493-2177-1-ND	\$0.37	\$0.2570	
C16	220uF	8mm dia	493-2090-1-ND	\$0.34	\$0.2350	
C17	220uF	8mm dia	493-2090-1-ND	\$0.34	\$0.2350	
R1	47 ohm		S47CACT-ND	\$0.10	\$0.0720	
R2	47 ohm		S47CACT-ND	\$0.10	\$0.0720	
R3	75 ohm	0805	RNCP0805FTD75R0CT-ND	\$0.10	\$0.0370	
R4	75 ohm	0805	RNCP0805FTD75R0CT-ND	\$0.10	\$0.0370	
R5	75 ohm	0805	RNCP0805FTD75R0CT-ND	\$0.10	\$0.0370	
R6	75 ohm	0805	RNCP0805FTD75R0CT-ND	\$0.10	\$0.0370	
R7	75 ohm	0805	RNCP0805FTD75R0CT-ND	\$0.10	\$0.0370	
R8	75 ohm	0805	RNCP0805FTD75R0CT-ND	\$0.10	\$0.0370	
R9	150 ohm	0805	RNCP0805FTD150R0CT-ND	\$0.10	\$0.0720	
R10	150 ohm	0805	RNCP0805FTD150R0CT-ND	\$0.10	\$0.0720	
R11	511 ohm	0805	RNCP0805FTD511R0CT-ND	\$0.25	\$0.2110	
R12	392 ohm		RNF14FTD392R0CT-ND	\$0.10	\$0.0720	
R13	392 ohm		RNF14FTD392R0CT-ND	\$0.10	\$0.0720	
R14	392 ohm	0805	RNCP0805FTD392R0CT-ND	\$0.10	\$0.0370	
R15	392 ohm	0805	RNCP0805FTD392R0CT-ND	\$0.10	\$0.0370	
R16	392 ohm	0805	RNCP0805FTD392R0CT-ND	\$0.10	\$0.0370	
R17	392 ohm	0805	RNCP0805FTD392R0CT-ND	\$0.10	\$0.0370	
R18	453 ohm	0805	P20979CT-ND	\$0.10	\$0.0720	
R19	1k	0805	RNCP0805FTD1K00CT-ND	\$0.10	\$0.0720	
R20	1k	0805	RNCP0805FTD1K00CT-ND	\$0.10	\$0.0720	
R21	1k	0805	RNCP0805FTD1K00CT-ND	\$0.10	\$0.0720	
R22	1k	0805	RNCP0805FTD1K00CT-ND	\$0.10	\$0.0720	
R23	28.7k	0805	P21183CT-ND	\$0.25	\$0.2110	
R24	680k	0805	2019-RK73H2ATTD6803FCT-ND	\$0.10	\$0.0330	
R25	1k potentiometer		3362P-102LF-ND	\$1.02	\$0.9000	
R26	1k potentiometer		3362P-102LF-ND	\$1.02	\$0.9000	
R27	1k potentiometer		3362P-102LF-ND	\$1.02	\$0.9000	
<b>Main PCB Total</b>				\$63.43	\$53.7312	
<b>PCB2</b>	Extended Video HAT PCB					
CN13	VGA connector		609-5180-ND	\$1.30	\$1.1470	
SW10	DPDT Micro Slide Switch		401-2001-ND	\$0.45	\$0.4410	
	2 Row 80p Breakaway Header Pins		S2211EC-40-ND	\$1.51	\$1.3470	
	Viletim Component Video PCB		<a href="https://etim.net.au/shop/">https://etim.net.au/shop/</a>	\$19.95	\$19.9500	
CN14	Red RCA		CP-1419-ND	\$1.43	\$1.2700	
CN15	Green RCA		CP-1423-ND	\$1.36	\$1.1990	
CN16	Blue RCA		CP-1422-ND	\$1.36	\$1.1990	
CN17	Stereo 1/8" Headphone		CP1-3555NG-ND	\$0.95	\$0.8380	
<b>HAT Total</b>				\$28.31	\$27.3910	
<b>PCB3</b>	Kick harness connection board PCB					
	6p JST 2.5mm Kick Harness Header R.A.		455-2236-ND	\$0.39	\$0.3680	
	6p JST connector housing (2)		455-2218-ND	\$0.28	\$0.2560	
	22 GA Jumper Lead (6)		455-3240-ND	\$4.56	\$4.2780	