

Item	Description	Qty	Designator	Package

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Bill of Materials for CGS33E - 4x4 Matrix Mixer Full Kit V0.0
CGS33E - 4x4 Matrix Mixer Component Kit

Item	Description	Qty	Designator	Package
1	CGS33E - Matrix Mixer Column [B] Component Kit V1.0	4		-
2	CGS33E - Matrix Mixer Row [A] Component Kit V1.0	1		-
	UNITS			
3	Panther IDC Cable - CGS33	1		-
4	Panther - IDC16 - 24cm	1		-

CGS33E - Matrix Mixer Column [B] Component Kit

Item	Description	Qty	Designator	Package
	CAPACITOR			
1	47pF 5% Ceramic	2		RAD-0.2N
2	100nF Ceramic	2		RAD-0.2N
	CONNECTOR			
3	8-pin IC Socket 0.3inch	1		DIP-8
4	3.5mm Mono PCB Socket - White	1		-
5	2x8 Open Pin Header	1		2.54MM
	HARDWARE			
6	WIRE - Tinned Copper Wire, 0.711mm	8		-
	LINEAR			
7	TL072 Dual JFET Opamp	1		DIP-8
	POTENTIOMETER			
8	100KB LIN - 18T Spline	4		ALPHA 16MM
	RESISTOR			
9	220R 1% 0.5W Metal Film	1		AXIAL-0.4
10	100K 1% 0.5W Metal Film	7		AXIAL-0.4
	SWITCH			
11	SPDT Panel [ON-ON]	1		-

CGS33E - Matrix Mixer Row [A] Component Kit

Item	Description	Qty	Designator	Package
CAPACITOR				
1	100nF Ceramic	6		RAD-0.2N
2	10uF 35V Electrolytic	2		RB-D5.0-P2.0
CONNECTOR				
3	2x8 Open Pin Header	1		2.54MM
4	IDC16 Box Header	1		2.54MM
5	3.5mm Mono Panel Socket Cliff - Black	4		-
6	8-pin IC Socket 0.3inch	4		DIP-8
LINEAR				
7	TL071 JFET Opamp	4		DIP-8
INDUCTOR				
8	Ferrite Bead - 0.45uH 7A	2		AXIAL-0.3
RESISTOR				
9	1K0 1% 0.5W Metal Film	4		AXIAL-0.4
10	100K 1% 0.5W Metal Film	4		AXIAL-0.4

CGS33E - Matrix Mixer PCB Set

Item	Description	Qty	Designator	Package
	PCB			
1	CGS33EURO_B - Matrix Mixer Column PCB V1.0	4		-
2	CGS33EURO_A - Matrix Mixer Row PCB V1.0	1		-
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