CALF Parts List

Package Contents
PCB Calf Front Panel
Front Panel Components
PCB CALF Main Board
Main Board Components
Small Hardware
Chassis Components
Manual

Front Panel Components

Qty	Ref	Description	Markings
1	P1	Header 10 pin	
1	P2	Header 2 pin	
2	D1 D2	LED 3mm Green	
1	D4	LED 3mm Red	
1	D3	LED 3mm Yellow	
2	RV1 RV2	Potentiometer 10K	
4	R1 R2 R3 R4	Resistor 1/4W 5% 2.2K	Red-Red-Red-Gold
1	SW1	Switch Pushbutton Latching DPDT-8X8MM	

Small Hardware

Qty	Ref	Description	Markings
4		Hardware #4 standoff .250	
4		Hardware #4 standoff .375	
4		Hardware 4-40 nut	
2		Hardware L Bracket 4-40	
8		Hardware Screw 4-40x.625	
8		Hardware Washer Lock #4 Int Tooth	
4		LED Bezel 3mm	
1		Switch Caps	

Chassis Components

Qty	Ref	Description	Markings
1		Switch Knob	
1	SW101	Switch Rotary DP6T	
1		Wire 22ga Strnd (ft) BLACK	
0.25		Wire 22ga Strnd (ft) Brown	
0.5		Wire 22ga Strnd (ft) BLUE	
0.25		Wire 22ga Strnd (ft) Green	
0.5		Wire 22ga Strnd (ft) RED	
0.5		Wire 22ga Strnd (ft) White	
0.25		Wire 22ga Strnd (ft) YELLOW	
2		Jack Chassis Mono 3.5mm	
1		Jack Chassis Power 2.1mm	
2		Plug Mono 3.5mm	
1		Plug Power 2.1mm	
2		Cable Tie	

Main Board Components

Qty	Ref	Description	Markings
1	C202	Capacitor ceramic .2ls 100n .1uF	104
3	C103 C104 C105	Capacitor ceramic .2ls 10n .01uF	103
2	C302 C304	Capacitor ceramic .2ls 47n .047uF	473
1	C106	Capacitor Electrolytic 5x11mm .1ls 100uF 16V	
4	C101 C107, C108 C305	Capacitor Electrolytic 5x11mm .1ls 10uF 50V	
3	C102 C301 C303	Capacitor_Electrolytic_8x11mm_138ls 220uF 25V	
6	C401 C402 C403 C404 C405 C406	Capacitor_Mylar_170 10n .01uF 5%	103 “Green Chicklet”
6	C407 C408 C409 C410 C411 C412	Capacitor_Mylar_200 22n .022uF 5%	223 “Green Chicklet”
1	C201	Capacitor_Mylar_350 470n .47uF	474 “Green Chicklet”
1	P105	Connector Female Right Angle .1ls 10 pin	
1	P106	Connector Female Right Angle .1ls 2 pin	
3	F3 BUF A	Header 1 pin	Header pins may arrive as breakable strip(s)
7	JP201 JP202 JP401 JP402 JP403 JP404 JP405	Header 2 pin	Header pins may arrive as breakable strip(s)
7		Shorting Block	
1	P113	Header 4 pin	Header pins may arrive as breakable strip(s)
3	D201 D202 D203	Diode_300 1N4148	
1	D101	Diode_400 1N4007	
1	U202	IC DIP14 LM324	
2	U201 U401	IC DIP14 TL084	
1	U301	IC DIP8 LM386N-1	
1	U101	IC_TO92 78L09	

Main Board Components

Qty	Ref	Description	Markings
1	R302	Resistor 1/4W 5% 10	Brown-Black-Black-Gold
1	R209	Resistor 1/4W 5% 15K	Brown-Green-Orange-Gold
3	R202 R204 R207	Resistor 1/4W 5% 1K	Brown-Black-Red-Gold
1	R212	Resistor 1/4W 5% 1.2K	Brown-Red-Red-Gold
2	R211 R213	Resistor 1/4W 5% 1.8K	Brown-Grey-Red-Gold
1	R208	Resistor 1/4W 5% 220K	Red-Red-Yellow-Gold
1	R206	Resistor 1/4W 5% 4.7K	Yellow-Violet-Red-Gold
2	R101 R403	Resistor_MF_1/4W_1% 100K 1%	Brown-Black-Black-Orange-Brown
4	R203 R210 R301 R408	Resistor_MF_1/4W_1% 10K 1%	Brown-Black-Black-Red-Brown
1	R412	Resistor_MF_1/4W_1% 120K 1%	Brown-Red-Black-Orange-Brown
1	R417	Resistor_MF_1/4W_1% 1.3K	Brown-Orange-Black-Brown-Brown
4	R102 R103 R404 R407	Resistor_MF_1/4W_1% 22K	Red-Red-Black-Red-Brown
1	R413	Resistor_MF_1/4W_1% 27K 1%	Red-Voilet-Black-Red-Brown
3	R201 R205 R416	Resistor_MF_1/4W_1% 2K 1%	Red-Black-Black-Brown-Brown
1	R405	Resistor_MF_1/4W_1% 33K 1%	Orange-Orange-Black-Red-Brown
1	R414	Resistor_MF_1/4W_1% 43K 1%	Yellow-Orange-Black-Red-Brown
2	R401 R406	Resistor_MF_1/4W_1% 47K 1%	Yellow-Violet-Black-Red-Brown
2	R410 R415	Resistor_MF_1/4W_1% 56K 1%	Green-Blue-Black-Red-Brown
1	R409	Resistor_MF_1/4W_1% 5.6K	Green-Blue-Black-Brown-Brown
1	R402	Resistor_MF_1/4W_1% 68K 1%	Blue-Grey-Black-Red-Brown
1	R411	Resistor_MF_1/4W_1% 82K 1%	Grey-Red-Black-Red-Brown
1	R418	Resistor_MF_1/4W_1% 910 1%	White-Brown-Black-Black-Brown
3	U201s U401s U202s	Socket IC DIP 14 Pin	
3	Experimental	Socket IC DIP 20 Pin	
1	U301s	Socket IC DIP 8 Pin	
3	P101 P107 P102	Terminal Block 5mm TE2	
1	RV201	Trimmer 6mm Horiz 250K	254