

# Dintree D105 Quad CV Processor

## Parts List

Identifier	Value	Physical Detail	Req. Qty.	Notes
<u>Resistors</u>				
R4,12,20,28	10K linear pot	0.281" hole	4	
R8,16,35,36,37,40,41,44	100R 1/4W resistor	0.400" lead spacing	8	
R5,13,21,29	1K 1/4W resistor	0.400" lead spacing	4	
R6,7,14,15,22,23,24,30,31, 32,33,34,38,39,42,43	10K 1/4W resistor	0.400" lead spacing	16	
R1,2,3,9,10,11,17,18,19, 25,26,27	100K 1/4W resistor	0.400" lead spacing	12	
<u>Capacitors</u>				
C3,4,5,6	22pF ceramic capacitor	0.100" lead spacing	4	
C7,8,9,10,11,12,13,14,15, 16,17,18	0.1uF ceramic capacitor	0.100" lead spacing	12	
C1,2	10uF 25V electrolytic capacitor	2.54mm x 5mm	2	
<u>Semiconductor</u>				
D1,2	1N5817 schottky diode	DO-41	2	
U1,2,3,4,5,6	TL082 dual op amp	8DIP 0.300	6	
<u>Misc.</u>				
JACK1,2,3,4,5,6,7,8,9,10, 11,12,13,14,15,16	panel mounted mini jack	see datasheet	16	
X1	16 pin (8x2) header pins	0.100" pitch	1	
X2,3	board to panel connections	n/a	2	
SOCKET1,2,3,4,5,6	8 pin DIP socket	8DIP 0.300	6	
PCB	prototyping PCB	n/a	1	
PANEL	blank panel	12HP	1	
KNOB1,2,3,4	plastic knob	n/a	4	
HARDWARE	PCB mounting hardware	n/a	1	