

Bill of Materials for ES36 - NCOM Component Kit P0.2

Item	Description	Qty	Designator	Package
CAPACITOR				
1	47pF 5% Ceramic	1	C105	RAD-0.2N
2	10nF 5% Ceramic, Medium K	2	C405, C406	RAD-0.2N
3	100nF Ceramic	4	C403, C404, C407, C408	RAD-0.2N
4	10uF 35V Electrolytic	3	C401, C402, C409	RB-D5.0-P2.0
CONNECTOR				
5	1x4 Pin 20mm Header	2	J101, J106	-
6	IDC10 Box Header	1	J401	2.54MM
7	1x4 Pin 9mm Header	1	J104	2.54MM
8	8-pin IC Socket 0.3inch	2	U101, U102	DIP-8
9	14-pin IC Socket 0.3inch	1	U103	DIP-14
10	16-pin IC Socket 0.3inch	1	U201	DIP-16
LINEAR				
11	RC4558 Dual Opamp	2	U101, U102	DIP-8
12	LM317LZ - Adjustable Positive Voltage Regulator	1	U401	TO-92
INDUCTOR				
13	Ferrite Bead - 0.45uH 7A	2	L401, L402	AXIAL-0.3
LOGIC				
14	CD4093 - Quad 2-input NAND Schmitt trigger	1	U103	DIP-14
15	CD4520 - Dual Binary Up-Counter	1	U201	DIP-16
POTENTIOMETER				
16	50KB LIN - 18T Spline	2	P101, P102	ALPHA 16MM
RESISTOR				
17	237R 1% 0.5W Metal Film	1	R402	AXIAL-0.4
18	330R 1% 0.5W Metal Film	1	R109	AXIAL-0.4
19	680R 1% 0.5W Metal Film	1	R403	AXIAL-0.4
20	2K2 1% 0.5W Metal Film	2	R107, R115	AXIAL-0.4

