

Bill of Materials for IF101 - 2Q/4Q [4mm] Full Kit V0.0 - Column 1 Column 1

Item	Description	Qty	Designator	Package
CAPACITOR				
1	100nF Ceramic	2	C303, C304	RAD-0.2N
2	220nF 63V Polyester	2	C101, C201	RAD-0.2
3	10uF 35V Electrolytic	2	C301, C302	RB-D5.0-P2.0
CONNECTOR				
4	IDC10 Box Header	1	J301	2.54MM
5	IDC16 RA Box Header	1	P101	2.54MM
6	2x3 Open Pin Header	1	S102	2.54MM
7	8-pin IC Socket 0.3inch	1	U101	DIP-8
8	16-pin IC Socket 0.3inch	1	U202	DIP-16
DIODE				
9	1N4148	1	D101	DIODE-0.3
LINEAR				
10	LM13700 - Dual OTA	1	U202	DIP-16
11	TL072 Dual JFET Opamp	2	U101, U201	DIP-8
INDUCTOR				
12	Ferrite Bead - 0.45uH 7A	2	L301, L302	AXIAL-0.3
RESISTOR				
13	470R 1% 0.5W Metal Film	2	R202, R203	AXIAL-0.4
14	1K0 1% 0.5W Metal Film	2	R105, R208	AXIAL-0.4
15	1K5 1% 0.5W Metal Film	1	R106	AXIAL-0.4
16	5K6 1% 0.5W Metal Film	1	R201	AXIAL-0.4
17	7K5 1% 0.5W Metal Film	1	R204	AXIAL-0.4
18	10K 1% 0.5W Metal Film	3	R107, R205, R206	AXIAL-0.4
19	12K 1% 0.5W Metal Film	1	R207	AXIAL-0.4
20	100K 1% 0.5W Metal Film	3	R101, R103, R104	AXIAL-0.4
21	2M2 1% 0.5W Metal Film	1	R102	AXIAL-0.4

