

Column 2 [IF102 - DPWG Component Kit]

Item	Description	Qty	Designator	Package
	CAPACITOR			
1	100nF Ceramic	3	C102, C103, C104	RAD-0.2N
2	470nF 63V Polyester	1	C101	RAD-0.2X
	CONNECTOR			
3	2x3 Open Pin Header	1	S101	2.54MM
4	IDC10 RA Box Header	1	J102	-
5	8-pin IC Socket 0.3inch	1	U101	DIP-8
6	1x4 Pin 9mm Header	1	J101	2.54MM
	LINEAR			
7	TL072 Dual JFET Opamp	1	U101	DIP-8
	POTENTIOMETER			
8	100KB LIN - 18T Spline	1	P102	ALPHA 16MM
9	100KA LOG - 18T Spline	1	P103	ALPHA 16MM
	RESISTOR			
10	39K 1% 0.5W Metal Film	2	R105, R106	AXIAL-0.4
11	100K 1% 0.5W Metal Film	4	R101, R102, R103, R109	AXIAL-0.4
12	200K 1% 0.5W Metal Film	2	R107, R108	AXIAL-0.4
13	470K 1% 0.5W Metal Film	1	R104	AXIAL-0.4
	SWITCH			
14	DPDT PCB RA [ON-ON]	1	S101	7201
	TRIMPOT			
15	100K 25TH Cermet	1	P101	3006P

Bill of Materials for IF102 - DPWG Full Kit P0.1
Main [IF102 - DPWG Component Kit]

Item	Description	Qty	Designator	Package
CAPACITOR				
1	100nF Ceramic	13	C404, C405, C406, C407, C408, C409, C410, C411, C412, C413, C414, C415, C416	RAD-0.2N
2	0u47F 35V Tantalum	1	C403	RB-D5.0-P5.0
3	10uF 35V Electrolytic	2	C401, C402	RB-D5.0-P2.0
CONNECTOR				
4	IDC16 RA Box Header	2	J101, J103	2.54MM
5	IDC10 Receptacle	1	J102	2.54MM
6	IDC16 Receptacle	2	J101, J103	2.54MM
7	IDC10 Box Header	1	J401	2.54MM
8	8-pin IC Socket 0.3inch	6	U201, U202, U301, U302, U303, U304	DIP-8
DIODE				
9	LM336 - 5V0	1	D401	TO-92
10	1N4148	2	D301, D304	DIODE-0.3
11	9.1V 5% 500mW	2	D302, D303	DIODE-0.3
LINEAR				
12	DG418 - SPST	1	U304	DIP-8
13	TL072 Dual JFET Opamp	5	U201, U202, U301, U302, U303	DIP-8
INDUCTOR				
14	Ferrite Bead - 5A	2	L401, L402	AXIAL-0.3
RESISTOR				
15	1K0 1% 0.5W Metal Film	2	R306, R307 NB: R306 10Vpp	AXIAL-0.4
16	3K0 1% 0.5W Metal Film	1	R306	AXIAL-0.4
17	3K3 1% 0.5W Metal Film	3	R301, R314, R401	AXIAL-0.4
18	10K 1% 0.5W Metal Film	1	R316	AXIAL-0.4
19	47K 1% 0.5W Metal Film	1	R206	AXIAL-0.4
20	100K 1% 0.5W Metal Film	16	R202, R204, R205, R302, R303, R304, R305, R308, R309, R310, R311, R312, R313, R315, R317, R318	AXIAL-0.4

