

ITEM	REF DES	DESCRIPTION	Unit of Measure	VARIANT USAGE:		ORIGINAL COMPONENT MANUFACTURER			ALTERNATIVE COMPONENT MANUFACTURER			LINE COST PER VARIANT:		ALTERNATIVE COMPONENT MANUFACTURER			LINE COST PER VARIANT:	
				-J	-1	Unit Cost	Purch Qty	Mfr. Typical Source Vendor	Unit Cost	Purch Qty	Mfr. Typical Source Vendor	Unit Cost	Purch Qty	Mfr. Typical Source Vendor	Unit Cost	Purch Qty	Mfr. Typical Source Vendor	
1	CR0001	SW-OPA DISC OP-AMP SMT(1) PWB	Ea	X	X	Pending	SWOP262PWB1		Pending	SWOP262PWB1		TBD	TBD	.0000	.0000	.0000	.0000	
2	C1	Cap.Film PP 7pF 5mm	Ea	X	X	WIMA	FKP20100471D00JUSD	FKP20100471D00JUSD	2386	25	TAW Electronics	FKP20100471D00JUSD	2386	25	TAW Electronics	.2816	.2816	
3	C2	Cap.Film PP 220pF 100V 5mm	Ea	X	X	WIMA	FKP2010201D00JUSD	FKP2010201D00JUSD	2881	25	TAW Electronics	FKP2010201D00JUSD	2881	25	TAW Electronics	.2881	.2881	
4	C3	Cap.Film PP 220pF 10V 5mm	Ea	X	X	WIMA	FKP2010201D00JUSD	FKP2010201D00JUSD	2881	25	TAW Electronics	FKP2010201D00JUSD	2881	25	TAW Electronics	.2881	.2881	
5	C4	Cap.Cer 0.10uF 50V 0805SMD	Ea	X	X	AVX Corp	0805C104KAT9A	0805C104KAT9A	.0800	1	Dig-Key	445-7534-1ND	.0800	1	Dig-Key	.0800	.0800	
6	C5	Cap.Cer 0.10uF 50V 0805SMD	Ea	X	X	AVX Corp	0805C104KAT9A	0805C104KAT9A	.0800	1	Dig-Key	445-7534-1ND	.0800	1	Dig-Key	.0800	.0800	
7	D1	Diode 3 Switch 100V 200mA 4Pin	Ea	X	X	NXP Semiconductors	BA516H	BA516H	.0300	1	Dig-Key	BA516H-TP	.0300	1	Dig-Key	.2500	.2500	
8	D2	Diode 3 Switch 70V Dual Series SOT23	Ea	X	X	ON Semiconductor	68S16VWT1G	68S16VWT1G	.0300	1	Dig-Key	68S16VWT1G	.0300	1	Dig-Key	.2200	.2200	
9	FB1	Band Reject Interference Supp 220 Ohms 100 MHz 2.5A 0805	Ea	X	X	TDK	MP220125221A	MP220125221A	.1010	10	Dig-Key	M0805M221R-10	.1000	1	Mouser	.1800	.1800	
10	FB2	Band Reject Interference Supp 220 Ohms 100 MHz 2.5A 0805	Ea	X	X	Nichicon	UPWJ101MPD6	UPWJ101MPD6	.1010	10	Dig-Key	M0805M221R-10	.1000	1	Mouser	.1800	.1800	
11	P1	0.070" Flange, 0.02g PWB	Ea	X	X	Mil-Max	3103-2-00-15-00-00-08-0	3103-2-00-15-00-00-08-0	.1704	25	Dig-Key	ED1073-ND	.1704	25	Dig-Key	.4900	.4900	
12	P2	0.070" Flange, 0.02g PWB	Ea	X	X	Mil-Max	3103-2-00-15-00-00-08-0	3103-2-00-15-00-00-08-0	.1704	25	Dig-Key	ED1073-ND	.1704	25	Dig-Key	.4900	.4900	
13	P3	0.135" Max Flange	Ea	X	X	Mil-Max	3103-2-00-15-00-00-08-0	3103-2-00-15-00-00-08-0	.1704	25	Dig-Key	ED1073-ND	.1704	25	Dig-Key	.4900	.4900	
15	P4	0.135" Max Flange	Ea	X	X	Mil-Max	3103-2-00-15-00-00-08-0	3103-2-00-15-00-00-08-0	.1704	25	Dig-Key	ED1073-ND	.1704	25	Dig-Key	.4900	.4900	
16	P5	0.135" Max Flange	Ea	X	X	Mil-Max	3103-2-00-15-00-00-08-0	3103-2-00-15-00-00-08-0	.1704	25	Dig-Key	ED1073-ND	.1704	25	Dig-Key	.4900	.4900	
17	P6	0.135" Max Flange	Ea	X	X	Mil-Max	3103-2-00-15-00-00-08-0	3103-2-00-15-00-00-08-0	.1704	25	Dig-Key	ED1073-ND	.1704	25	Dig-Key	.4900	.4900	
18	P7	0.135" Max Flange	Ea	X	X	Mil-Max	3103-2-00-15-00-00-08-0	3103-2-00-15-00-00-08-0	.1704	25	Dig-Key	ED1073-ND	.1704	25	Dig-Key	.4900	.4900	
19	Q1	XSTR-BF862-NJ-FET H-Gm RF SOT23	Ea	X	X	NXP Semiconductors	BF862.215	BF862.215	.2700	1	Mouser	771-BF862-1/R	.2700	1	Dig-Key	.3700	.3700	
20	Q2	XSTR-BF862-NJ-FET H-Gm RF SOT23	Ea	X	X	NXP Semiconductors	BF862.215	BF862.215	.2700	1	Mouser	771-BF862-1/R	.2700	1	Dig-Key	.3700	.3700	
21	Q3	XSTR-BF862-NJ-FET H-Gm RF SOT23	Ea	X	X	Fairchild	MMBFJ111	MMBFJ111	.2400	1	Mouser	512-MMBFJ111	.2400	1	Dig-Key	.4120	.4120	
22	Q4	XSTR-BF862-NJ-FET H-Gm RF SOT23	Ea	X	X	Fairchild	MMBFJ111	MMBFJ111	.2400	1	Mouser	512-MMBFJ111	.2400	1	Dig-Key	.4120	.4120	
23	Q5	XSTR-BF862-NJ-FET H-Gm RF SOT23	Ea	X	X	NXP Semiconductors	BF862.215	BF862.215	.2700	1	Mouser	771-BF862-1/R	.2700	1	Dig-Key	.3700	.3700	
24	Q6	XSTR-BF862-NJ-FET H-Gm RF SOT23	Ea	X	X	NXP Semiconductors	BF862.215	BF862.215	.2700	1	Mouser	771-BF862-1/R	.2700	1	Dig-Key	.3700	.3700	
25	Q7	XSTR-BF862-NJ-FET H-Gm RF SOT23	Ea	X	X	NXP Semiconductors	BF862.215	BF862.215	.2700	1	Mouser	771-BF862-1/R	.2700	1	Dig-Key	.3700	.3700	
26	Q8	XSTR-BF862-NJ-FET H-Gm RF SOT23	Ea	X	X	NXP Semiconductors	BF862.215	BF862.215	.2700	1	Mouser	771-BF862-1/R	.2700	1	Dig-Key	.3700	.3700	
27	Q9	XSTR-BF862-NJ-FET H-Gm RF SOT23	Ea	X	X	NXP Semiconductors	BF862.215	BF862.215	.2700	1	Mouser	771-BF862-1/R	.2700	1	Dig-Key	.3700	.3700	
28	Q10	XSTR-BF862-NJ-FET H-Gm RF SOT23	Ea	X	X	NXP Semiconductors	BF862.215	BF862.215	.2700	1	Mouser	771-BF862-1/R	.2700	1	Dig-Key	.3700	.3700	
29	Q11	XSTR-BF862-NJ-FET H-Gm RF SOT23	Ea	X	X	NXP Semiconductors	BF862.215	BF862.215	.2700	1	Mouser	771-BF862-1/R	.2700	1	Dig-Key	.3700	.3700	
30	Q12	XSTR-BF862-NJ-FET H-Gm RF SOT23	Ea	X	X	NXP Semiconductors	BF862.215	BF862.215	.2700	1	Mouser	771-BF862-1/R	.2700	1	Dig-Key	.3700	.3700	
31	Q13	XSTR-BF862-NJ-FET H-Gm RF SOT23	Ea	X	X	NXP Semiconductors	BF862.215	BF862.215	.2700	1	Mouser	771-BF862-1/R	.2700	1	Dig-Key	.3700	.3700	
32	Q14	XSTR-BF862-NJ-FET H-Gm RF SOT23	Ea	X	X	NXP Semiconductors	BF862.215	BF862.215	.2700	1	Mouser	771-BF862-1/R	.2700	1	Dig-Key	.3700	.3700	
33	Q15	XSTR-BF862-NJ-FET H-Gm RF SOT23	Ea	X	X	NXP Semiconductors	BF862.215	BF862.215	.2700	1	Mouser	771-BF862-1/R	.2700	1	Dig-Key	.3700	.3700	
34	Q16	XSTR-BF862-NJ-FET H-Gm RF SOT23	Ea	X	X	NXP Semiconductors	BF862.215	BF862.215	.2700	1	Mouser	771-BF862-1/R	.2700	1	Dig-Key	.3700	.3700	
35	Q17	XSTR-BF862-NJ-FET H-Gm RF SOT23	Ea	X	X	NXP Semiconductors	BF862.215	BF862.215	.2700	1	Mouser	771-BF862-1/R	.2700	1	Dig-Key	.3700	.3700	
36	Q18	XSTR-BF862-NJ-FET H-Gm RF SOT23	Ea	X	X	NXP Semiconductors	BF862.215	BF862.215	.2700	1	Mouser	771-BF862-1/R	.2700	1	Dig-Key	.3700	.3700	
37	Q19	XSTR-BF862-NJ-FET H-Gm RF SOT23	Ea	X	X	NXP Semiconductors	BF862.215	BF862.215	.2700	1	Mouser	771-BF862-1/R	.2700	1	Dig-Key	.3700	.3700	
38	Q20	XSTR-BF862-NJ-FET H-Gm RF SOT23	Ea	X	X	NXP Semiconductors	BF862.215	BF862.215	.2700	1	Mouser	771-BF862-1/R	.2700	1	Dig-Key	.3700	.3700	
39	Q21	XSTR-BF862-NJ-FET H-Gm RF SOT23	Ea	X	X	NXP Semiconductors	BF862.215	BF862.215	.2700	1	Mouser	771-BF862-1/R	.2700	1	Dig-Key	.3700	.3700	
40	Q22	XSTR-BF862-NJ-FET H-Gm RF SOT23	Ea	X	X	NXP Semiconductors	BF862.215	BF862.215	.2700	1	Mouser	771-BF862-1/R	.2700	1	Dig-Key	.3700	.3700	
41	Q23	XSTR-BF862-NJ-FET H-Gm RF SOT23	Ea	X	X	NXP Semiconductors	BF862.215	BF862.215	.2700	1	Mouser	771-BF862-1/R	.2700	1	Dig-Key	.3700	.3700	
42	Q24	XSTR-BF862-NJ-FET H-Gm RF SOT23	Ea	X	X	NXP Semiconductors	BF862.215	BF862.215	.2700	1	Mouser	771-BF862-1/R	.2700	1	Dig-Key	.3700	.3700	
43	Q25	XSTR-BF862-NJ-FET H-Gm RF SOT23	Ea	X	X	NXP Semiconductors	BF862.215	BF862.215	.2700	1	Mouser	771-BF862-1/R	.2700	1	Dig-Key	.3700	.3700	
44	Q26	XSTR-BF862-NJ-FET H-Gm RF SOT23	Ea	X	X	NXP Semiconductors	BF862.215	BF862.215	.2700	1	Mouser	771-BF862-1/R	.2700	1	Dig-Key	.3700	.3700	
45	Q26	XSTR-BF862-NJ-FET H-Gm RF SOT23	Ea	X	X	NXP Semiconductors	BF862.215	BF862.215	.2700	1	Mouser	771-BF862-1/R	.2700	1	Dig-Key	.3700	.3700	
46	Q26	XSTR-BF862-NJ-FET H-Gm RF SOT23	Ea	X	X	NXP Semiconductors	BF862.215	BF862.215	.2700	1	Mouser	771-BF862-1/R	.2700	1	Dig-Key	.3700	.3700	
47	R1	Res.Thin Film 110W 1% 0805 10 ohm	Ea	X	X	Susumu	RR1220Q-100-D	RR1220Q-100-D	.1020	1020	Dig-Key	RR1220Q-100-D	.1020	1020	Dig-Key	.1480	.1480	
48	R2	Res.Thin Film 110W 1% 0805 10 ohm	Ea	X	X	Susumu	RR1220Q-100-D	RR1220Q-100-D	.1020	1020	Dig-Key	RR1220Q-100-D	.1020	1020	Dig-Key	.1480	.1480	
49	R3	Res.Thin Film 110W 1% 0805 35.7 ohm	Ea	X	X	Susumu	RR1220Q-357-D-M	RR1220Q-357-D-M	.1480	1480	Dig-Key	RR1220Q-357-D-M	.1480	1480	Dig-Key	.1100	.1100	
50	R4	Res.Thin Film 110W 1% 0805 133 ohm +/-5%	Ea	X	X	Susumu	RR1220P-1400-B-T5	RR1220P-1400-B-T5	.5200	5200	Dig-Key	RR1220P-1400-B-T5	.5200	5200	Dig-Key	.5200	.5200	
51	R5	Res.Thin Film 110W 1% 0805																