

Parts List (DFW377)

No.	Package	Name	Specifications	Qty.	Placement
1	SMT	Resistor	1/10W-0 Ω $\pm$ 5%-0603	3	R120, R122, R146
2	SMT	Resistor	1/16W-0 Ω $\pm$ 5%-0402	11	R38, R75, R86, R96, R103, R106, R179- R180, R186, R195, R204
3	SMT	Resistor	1/16W-10 Ω $\pm$ 5%-0402	1	R23
4	SMT	Resistor	1/16W-100 Ω $\pm$ 5%-0402	9	R8, R25, R113-R116, R154, R184-R185
5	SMT	Resistor	1/16W-1K Ω $\pm$ 5%-0402	4	R127, R141-R143
6	SMT	Resistor	1/16W-10K Ω $\pm$ 5%-0402	15	R2, R4, R6-R7, R20, R24, R29- R30, R34, R45, R67, R105, R108-R110
7	SMT	Resistor	1/16W-100K Ω $\pm$ 5%-0402	11	R14, R19, R39, R44, R48, R55, R102, R107, R 131, R183, R230
8	SMT	Resistor	1/16W-2K Ω $\pm$ 1%-0402	2	R27, R32
9	SMT	Resistor	1/16W-2K Ω $\pm$ 5%-0402	2	R50, R125
10	SMT	Resistor	1/16W-2M Ω $\pm$ 5%-0402	2	R5, R208
11	SMT	Resistor	1/16W-22 Ω $\pm$ 5%-0402	48	R1, R46-R47, R51- R54, R58, R66, R69, R71, R78- R79, R81, R91, R118, R124, R128, R137, R14 4, R169-R178, R181-R182, R192, R198- R200, R205-R207, R209-R210, R216- R219, R222-R224
12	SMT	Resistor	1/16W-33 Ω $\pm$ 5%-0402	14	R42, R63, R70, R82, R92- R94, R121, R126, R129-R130, R134-R136
13	SMT	Resistor	1/16W-33K Ω $\pm$ 5%-0402	1	R12
14	SMT	Resistor	1/16W-4.7K Ω $\pm$ 5%-0402	11	R15, R21, R57, R64, R133, R138- R140, R147-R148, R168
15	SMT	Resistor	1/16W-56K Ω $\pm$ 5%-0402	2	R9-R10
16	SMT	Resistor	1/16W-68 Ω $\pm$ 5%-0402	1	R16
17	SMT	Resistor	1/16W-560 Ω $\pm$ 5%-0402	1	R3

18	SMT	Resistor	1/16W-20K Ω $\pm$ 5%-0402	1	R56
19	SMT	Resistor	1/16W-47K $\pm$ 5%-0402	2	R26, R28
20	SMT	Resistor	1/4W-0.2 Ω $\pm$ 1%-1206	2	R13, R17
21	SMT	Resistor	1/16W-10K Ω $\pm$ 1%-0402	31	R60-R62, R65, R72-R74, R76-R77, R90, R97, R100, R119, R132, R145, R150, R153, R155, R158, R160, R162-R163, R165-R167, R188-R191, R193-R194
22	SMT	Resistor	1/16W-100K $\pm$ 1%-0402	1	R197
23	SMT	Resistor	1/16W-3.9M Ω $\pm$ 5%-0402	11	R203, R212-R215, R221, R225-R229
24	SMT	Resistor	1/16W-30K Ω $\pm$ 1%-0402	2	R36, R43
25	SMT	Resistor	1/16W-1.65K $\pm$ 1%-0402	1	R149
26	SMT	Resistor	1/16W-24K $\pm$ 1%-0402	1	R41
27	SMT	Resistor	1/16W-30.1K Ω $\pm$ 1%-0402	1	R98
28	SMT	Resistor	1/16W-28.0K Ω $\pm$ 1%-0402	1	R87
29	SMT	Resistor	1/16W-52.3K Ω $\pm$ 1%-0402	1	R99
30	SMT	Resistor	1/16W-56.2K Ω $\pm$ 1%-0402	1	R88
31	SMT	Resistor	1/16W-20K Ω $\pm$ 1%-0402	1	R40
32	SMT	Resistor	1/16W-6.8K Ω $\pm$ 1%-0402	3	R22, R31, R33
33	SMT	Resistor	VPORT0402-100M-V05-10pF-0402	14	RV1-RV14
34	SMT	Capacitor	16V-100uF-D $\pm$ 10%	1	C141
35	SMT	Capacitor	16V-10uF-A $\pm$ 10%	5	C145-C146, C164-C166
36	SMT	Capacitor	10V-100uF-C $\pm$ 10%	1	C139
37	SMT	Capacitor	25V-0.22uF $\pm$ 10%-X7R-0603	1	C14
38	SMT	Capacitor	16V-1uF $\pm$ 10%-X7R-0603	1	C9
39	SMT	Capacitor	16V-2.2uF $\pm$ 20%-Y5V-0805	1	C20
40	SMT	Capacitor	16V-0.1uF $\pm$ 10%-X7R-0402	102	C1, C3-C5, C7-C8, C11-C13, C15-C17, C19, C21, C27, C36-C37, C45, C48-C49, C53-C58, C60, C62, C64-C65, C67-C68, C73-C74, C77-C78, C80-C85, C87-C88, C91, C96, C98, C100, C103, C104
41	SMT	Capacitor	50V-10pF $\pm$ 5%-NPO-0402	3	C142-C143, C156

42	SMT	Capacitor	50V-1000pF $\pm$ 10%-X7R-0402	28	C24, C40-C42, C44, C46-C47, C50, C52, C59, C61, C66, C69-C72, C75-C76, C79, C89-C90, C97-C98, C101, C136, C184, C190, C196
43	SMT	Capacitor	50V-0.01uF $\pm$ 10%-X7R-0402	2	C110, C119
44	SMT	Capacitor	50V-15pF $\pm$ 5%-NPO-0402	2	C194-C195
45	SMT	Capacitor	50V-150pF $\pm$ 10%-X7R-0402	1	C177
46	SMT	Capacitor	50V-22pF $\pm$ 5%-NPO-0402	12	C29-C30, C106-C107, C111-C114, C188-C189, C200-C201
47	SMT	Capacitor	16V-1uF $\pm$ 10%-X7R-0805	1	C198
48	SMT	Capacitor	50V-100pF $\pm$ 5%-NPO-0402	2	C35, C160
49	SMT	Capacitor	16V-0.47uF+80/-20%-Y5V-0603	1	C18
50	SMT	Capacitor	16V-10uF $\pm$ 10%-X7R-0805	9	C10, C28, C103, C118, C122, C130, C147, C150, C176
51	SMT	Capacitor	50V-18pF $\pm$ 5%-NPO-0402	2	C2, C6
52	SMT	Capacitor	6.3V-1uF+80/-20%-Y5V-0402	17	C22, C25-C26, C31-C34, C38-C39, C43, C51, C63, C86, C161-C163, C179
53	SMT	Capacitor	6.3V-4.7uF+80/-20%-Y5V-0805	1	C23
54	SMT	Capacitor	10V-2.2uF $\pm$ 20%-X5R-0603	4	C100, C153, C180, C186
55	SMT	Capacitor	16V-0.047uF+80/-20%Y5V-0402	4	C132-C135
56	SMT	Inductor	SWPA5020S220MT-22uH-880mA (Sunlord)	1	L1
57	SMT	Inductor	1uH $\pm$ 20%-2.93A-3.0x3.0x1.2-SMD (SWPA3012S1R0MT/Sunlord)	3	L6-L8
58	SMT	Bead	W742792651-600 Ω -1A-0603 (WURTH)	3	FB1-FB2, FB4
59	SMT	Bead	BLM15AG100SH1D-10 Ω /100MHz-1A-0402 (Murata)	4	L2-L4, FB3
60	SMT	Crystal	12.000MHz $\pm$ 30PPM- (6035)-SMD2	1	X4
61	SMT	Crystal	32.768KHz $\pm$ 20PPM-SMD4	2	X3, X5
62	SMT	Crystal	12.000MHz $\pm$ 20PPM-18pF-3225 (230019)	1	X1
63	SMT	Crystal	26.000MHz $\pm$ 20PPM-3.3V-3225 (NT3225SA)	1	X2
64	SMT	Diode	BAT54A-30V/200mA-SOT23	1	D5
65	SMT	Diode	1N4148WS-75V-450mA-SOD323	2	D4, D6
66	SMT	Diode	MBRA130LT3-30V-1A-SMA	1	D1
67	SMT	Diode	BAT54C-30V/200mA-SOT23	2	D2-D3

68	SMT	Audion	2N2907-PNP-60/40V-0.6A-0.4W-SOT23	1	Q5
69	SMT	Audion	2SA8550-PNP-SOT23	2	Q2, Q4
70	SMT	Audion	DTC114EE-NPN	5	Q1, Q3, Q7, Q9, Q12
71	SMT	MOS	IRF7404TR/TRPBF-P-S08N	1	U15
72	SMT	MOS	GE2301-PMOS-SOT23	4	Q6, Q8, Q10-Q11
73	SMT	IC	TCM809SENB713--2.93V-SOT23 (TLV809K33DBZR)	1	U33
74	SMT	IC	SN74LVX125MTCX-3态-4-TSSOP14- (SN74LV125APWR)	2	U16-U17
75	SMT	IC	MAXQ1850-BNS+-TQFN-40	1	U35
76	SMT	IC	R1180N181B-1.8V-LDO-SOT23-5 (Ricoh)	1	U10
77	SMT	IC	SN74LVC32APWR-4-2-TSSOP14	2	U34, U36
78	SMT	IC	AM3715-CUS-sPBGA-N423-Sitara ARM Microprocessors (TI)	1	U22
79	SMT	IC	SN74LVC1G125DCKR-SOT323-SINGLE BUS BUFFER GATE WITH 3-STATE OUTPUT (TI)	1	U8
80	SMT	IC	TPS65920-FBGA-N139 (TPS65920A2ZCHR)	1	U9
81	SMT	IC	TLV320AIC3104IRHBR-HVQFN-32-LOW-POWER STEREO AUDIO CODEC (TI)	1	U18
82	SMT	IC	TPS61160ADRV/DRV-QFN-6-White LED Driver With PWM (TI)	1	U7
83	SMT	IC	DRV8833RTYR-QFN16	1	U4
84	SMT	IC	WG7310-LGA96	1	U14
85	SMT	IC	SN74LVC2G07DBVR-SOT23-6-DUAL BUFFER/DRIVER WITH OPEN-DRAIN OUTPUTS (TI)	1	U13
86	SMT	IC	TPS73601DBVR-SOT-23	2	U11-U12
87	SMT	IC	SN74CB3Q3244ZQNR-VFBGA (或SN74CB3Q3244GQNR) (TI)	3	U26-U27, U32
88	SMT	IC	TSC2046IRGVR-Touch Screen Controller-PVQFN16 (TI)	1	U23
89	SMT	IC	TCA6416ARTWR-QFN24	3	U2, U5, U31
90	SMT	IC	SN74AHC1G08DCKR-SC-70	2	U6, U19
91	SMT	IC	4Gb-NandFlash_2Gb-mobile DDR H9DA4GH2GJAMCR-4EM-FBGA137	1	U21
92	SMT	IC	XR20M1172-TSSOP28	1	U1
93	SMT	IC	TXS0108EZXYR-PBGA-20 (TI)	5	U20, U24-U25, U28, U30
94	SMT	IC	LM393DGKR-MSOP	1	U3
95	SMT	IC	TUSB1210BRHBR-PVQFN32	1	U29
96	SMT	Jack	54PIN-0.5 SMD	1	J6
97	SMT	Jack	54PIN--UpConnector	1	J2

98	SMT	Jack	40PIN-0.5-SMD	1	J3
99	SMT	Jack	32PIN-0.5	1	J4
100	SMT	Jack	U-FL-R-SMT(10)-3P-SMD	1	J5
101	SMT	Jack	ICSRC3908SFR-SMD-(Innochips)	8	J7-J8, J10-J11, J13-J16