

Component Reference	Description	Manufacturer	Manufacturer Part	Supplier	Supplier Part	Notes
C3, C6-8, C14-17, C20	Capacitor 100nF 0402 X5R	Bourns Yageo	CC0402AX5R104KTR	Flint	CC0402AX5R104KTR	.
C10,C11	Capacitor 15pF 0402 COG	KEMET	C0402C150J5GACTU	Farnell InOne	1414577	.
C13	Capacitor 10uF 6.3V 0805 X5R	KEMET	C0805C106K9PAC	Farnell InOne	922-7814	.
C1, C9, C12, C18, C24	Capacitor 47pF 0402 NPO	PhyComp(Yageo)	2.23887E+11	Flint	2238-869-15479	.
C4, C21	Capacitor 1pF 0402 NPO	Murata	GRM1555C1H1R0CZ01D	Farnell InOne	8819530	.
C5, C19	Capacitor 10pF 0402 NPO	PhyComp(Yageo)	2238 869 15109	Farnell InOne	3019-160	.
C2	Capacitor 10nF 0402 X7R	PhyComp(Yageo)	2.23879E+11	Farnell InOne	301-9275	.
C22	Capacitor 1.2pF 0402 NPO	muRata	GRM1555C1H1R2CZ01D	DigiKey	490-1265-1-ND	.
J1	UFL Connector	Hirose	CL331-0471-0-10	Hirose	CL331-0471-0-10	.
L1	Inductor 5.6nH	muRata	LQP15MN5N6B02	Farnell InOne	1515368	.
L2	Inductor 2n4H	muRata	LQP15MN2N4B02	DigiKey	LQP15MN2N4B02D-ND	.
L3	Inductor 2.7nH	muRata	LQP15MN2N7B02	Farnell InOne	1404732	.
L4	Inductor 5.1nH	muRata	LQP15MN5N1B02	Farnell InOne	1515367	.
Q1	Transistor, N Channel MOSFET, BSH103	NXP	BSH103	Farnell InOne	1081307	.
R1	Resistor 43K 0402 1%	PhyComp(Yageo)	2.32271E+11	Farnell InOne	145-8795	.
R2	Resistor 1K2_0402 1%	PhyComp(Yageo)	RC0402FR-071K2L	Farnell InOne	9239243	.
R3	Resistor 1K5 0402 1%	PhyComp(Yageo)	RC0402FR-071K5L	Farnell InOne	9239251	.
R4	Resistor 47K 0402 1%	PhyComp(Yageo)	RC0402FR-0747KL	Farnell InOne	9239430	.
U1	IC JN5148	NXP	JN5148-001, JN5148-J01, JN5148-T01, JN5148-Z01	NXP	JN5148-001	.
U2	IC Serial 3V Flash SMD M25P40-AVMN6PB	Numonyx	M25P40-VMN6PB	Farnell InOne	988-2871	.
U4-5	74AHC1G32	NXP	74AHC1G32GW/T1	Farnell InOne	1085242	.
U6	SE2431L	Skyworks	SE2431L	SiGe Semiconductor	SE2431L	.
Y1	Crystal SMD 32 MHz	AEL	X32M000000S039A	AEL	X32M000000S039A	.

Assembly  
DR1177

Description  
JN5148 HP uFL Module