

Item	QTTY	Component Reference	Description	Manufacturer	Manufacturer Part	Supplier	Supplier Part	Notes
1	7	C3, C6-7, C14-17	Capacitor 100nF 0402 X5R	Bourns Yageo	CC0402AX5R104KTR	Flint	CC0402AX5R104KTR	.
2	2	C10-11	Capacitor 15pF 0402 COG	KEMET	C0402C150J5GACTU	Farnell InOne	1414577	.
3	1	C13	Capacitor 10uF 6.3V 0805 X5R	KEMET	C0805C106K9PAC	Farnell InOne	922-7814	.
4	2	C1, C12	Capacitor 47pF 0402 NPO	PhyComp(Yageo)	223886915479	Flint	2238-869-15479	.
5	2	C8, C21	Capacitor 1pF 0402 NPO	Murata	GRM1555C1H1R0CZ01D	Farnell InOne	8819530	.
6	2	C5, C19	Capacitor 10pF 0402 NPO	PhyComp(Yageo)	2238 869 15109	Farnell InOne	3019-160	.
7	1	C2	Capacitor 10nF 0402 X7R	PhyComp(Yageo)	223878715636	Farnell InOne	301-9275	.
8	1	C22	Capacitor 1.2pF 0402 NPO	muRata	GRM1555C1H1R2CZ01D	DigiKey	490-1265-1-ND	.
9	1	J1	UFL Connector	Hirose	CL331-0471-0-10	Hirose	CL331-0471-0-10	.
10	2	L1, L4	Inductor 5.1nH	muRata	LQP15MN5N1B02	Farnell InOne	1515367	.
11	1	L2	Inductor 3.9nH	muRata	LQP15MN3N9B02	Digikey	490-1131-1-ND	.
12	1	L3	Inductor 2.7nH	muRata	LQP15MN2N7B02	Farnell InOne	1404732	.
13	1	R1	Resistor 43K 0402 1%	PhyComp(Yageo)	232270674303	Farnell InOne	145-8795	.
14	1	R2	Resistor 1K2_0402 1%	PhyComp(Yageo)	RC0402FR-071K2L	Farnell InOne	9239243	.
15	1	R3	Resistor 1K5 0402 1%	PhyComp(Yageo)	RC0402FR-071K5L	Farnell InOne	9239251	.
16	1	R4	Resistor 47K 0402 1%	PhyComp(Yageo)	RC0402FR-0747KL	Farnell InOne	9239430	.
17	1	U1	JN5168	NXP	JN5168	NXP	JN5168	.
18	2	U4-5	74AHC1G32	NXP	74AHC1G32GW/T1	Farnell InOne	1085242	.
19	1	U6	SE2431L	SiGe Semiconductor	SE2431L	SiGe Semiconductor	SE2431L	.
20	1	Y1	Crystal SMD 32 MHz	AEL	X32M000000S039A	AEL	X32M000000S039A	.
21	0	C4	Parts Not To Be Fitted	.	.	.	.	.

Revision	Date	Assembly	Description
1V0	03/10/2012	DR1191	JN5168 HP uFL Module

Item	QTTY	Component Reference (Second Source)	Description	Manufacturer	Manufacturer Part	Supplier	Supplier Part	Notes
1	7	C3, C6-7, C14-17	.	.	.	.	.	.
2	2	C10-11	.	.	.	.	.	.
3	1	C13	.	.	.	.	.	.
4	2	C1, C12	.	.	.	.	.	.
5	2	C8, C21	.	.	.	.	.	.
6	2	C5, C19	.	.	.	.	.	.
7	1	C2	.	.	.	.	.	.
8	1	C22	.	.	.	.	.	.
9	1	J1	.	.	.	.	.	.
10	2	L1, L4	.	.	.	.	.	.
11	1	L2	.	.	.	.	.	.
12	1	L3	.	.	.	.	.	.
13	1	R1	.	.	.	.	.	.
14	1	R2	.	.	.	.	.	.
15	1	R3	.	.	.	.	.	.
16	1	R4	.	.	.	.	.	.
17	1	U1	.	.	.	.	.	.
18	2	U4-5	.	.	.	.	.	.
19	1	U6	.	.	.	.	.	.
20	1	Y1	Crystal 32 MHz (extended temp)	EPSON TOYOCOM	X1E000021016700	ACAL	TSX-3225 32MHz	.
21	0	C4	.	.	.	.	.	.

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1V0	03/10/2012	DR1191	JN5168 HP uFL Module