

**Bill of material DF1242 – mainboard, rev1****ROW MARKED RED CAN BE DISREGARDED!**

0 cards to be mounted

			Name	Manufacturer	Mfg ID	Case	Value	
req			<b>Manufacturing</b>					
0			1	PCB Board				
			1	Component placing				
			<b>Surfacemount</b>					
0			1	Asic	D-Flow Technology AB	UFOB1	QFN56	8x8mm
0			1	Voltage regulator	National	LP2985AIM5-3.3/NOPB	SOT-23-5	3.3v
0			1	XTAL	IQD	HC49/4HSMX		16MHz
0			1	XTAL	Auris	Q-32.768000K-TC26-20-B	TC-26	32.768kHz
0			2	Low current LED	Everlight	19-21SYGC/S530-E1/TR8	0603	Green
0			1	Low current LED	Everlight	19-21UYC/S400/TR8	0603	Yellow
0			4	Cheramic capacitor	Murata	GRM1885C1H220JA01D	0603	>=10V NP0 22pF
0			2	Cheramic capacitor	Murata	GRM216R71H103KA01D	0805	>=16V X7R 10nF
0			7	Cheramic capacitor	Murata	GRM21BR71E104KA01L	0805	>=10V X7R 100nF
0			9	Cheramic capacitor	Murata	GRM21BR71C475KA73L	0805	>=10V X7R 4.7uF
0			3	Cheramic capacitor	Murata	GRM31CR71E106KA12L	1206	>=16V X7R 10uF
0			2	Resistor	Koa	RK73H1JTTD3001F	0603	1% 1/10W 3kΩ
0			1	Resistor	Koa	RK73H1JTTD3902F	0603	1% 1/10W 39kΩ
0			0	Resistor	Koa	RK73H1JTTD1004F	0603	1% 1/10W 1MΩ
0			0	Resistor	Koa	RK73H1JTTD1005F	0603	1% 1/10W 10MΩ
0			0	Resistor	Koa	RK73Z2ATTD	0805	1% 1/8W 0Ω
0			4	Resistor	Koa	RK73H2ATTD1000F	0805	1% 1/8W 100Ω
0			1	Resistor	Koa	RK73H2ATTD1001F	0805	1% 1/8W 1kΩ
0			1	Resistor	Koa	RN732ATTD1001B25	0805	0.1% 1/8W 1kΩ
0			2	Resistor	Koa	RK73H2ATTD1002F	0805	1% 1/8W 10kΩ
0			1	Resistor	Koa	RK73H2ATTD2002F	0805	1% 1/8W 20kΩ
0			0	Cable solder				
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0			0	LCD	Nokia 3310 display			
			<b>Holemount</b>					
0			2	Header, male (AMPMODU	TE Connectivity	826629-2	H=9.5mm	1x2 2.54mm pitch
0			1	Header, male (AMPMODU	TE Connectivity	826629-4	H=9.5mm	1x4 2.54mm pitch
0			1	Header, female (HV100)	TE Connectivity	1-215309-0	H=9mm	2x10 2.54mm pitch
0			1	HEADER, SHROUDED	TE Connectivity	280370-2		1x2 2.54mm pitch
0			2	HEADER, SHROUDED	TE Connectivity	280371-2		1x4 2.54mm pitch
0			1	HEADER, STRAIGHT	Harling	09 18 506 6324	DIN 41651	H=XXmm 2.54 2x3
0			1	Header, female	Harwin	M50-3000545		2x5 1.27mm pitch
0			4	screw termination block	Phoenix Contact	MPT 0,5/2-2,54	green	1x2 2.54mm pitch
			Total	57				