Board Number	MB1171
BOM release	D-1
Designer name	Denis ROMAN
	12/8/2015

Quantity	Description	Reference	Version	Package	Manufacturer 1	Part#1	Distributor	Order code	Fitte	Supplied by
1	CR95HF QJE	U1		VFQFPN32_5x5	STMicroelectronics	CR95HF-VMD5TLBE	ST			delivered by ST
1	NX2016SA 27.12MHz EXS00A-CS01188 27.12MHz	Y1		NX2016	NDK	NX2016SA 27.12MHz EXS00A-CS01188				no double source allowed
2	LED, 1206, GREEN Green Led	LED1, LED3		LED-1206	DIALIGHT	5988270107F	Farnell	1466000		
2	LED, 1206, BLUE Blue Led	LED2, LED4		LED-1206	DIALIGHT	5988291107F	Farnell	2113953		
1	FILTER, SUPPRESSION, 0603, 1UF, 6.3VDC NFM18PS105R0J3D	FL1		NFM18PS	Murata	NFM18PS105R0J3D	Farnell			no double source allowed
2	FERRITE CMS 600OHM. 0805 742792042	L1, L2		0805	WURTH ELEKTRONIK	742792042	Farnell	1635716		no double source allowed
1	FERRITE CMS 2200OHM. 0805 742792093	L3		0805	WURTH ELEKTRONIK	742792093	Farnell	1635726		no double source allowed
2	Inductor SMD 0805, LQM21NNR56K10D 560nH	L4, L5		0805	Murata	LQM21NNR56K10D	Radiospare	786-7087		no double source allowed
4	CONDENSATEUR MLCC 0603 NP0 50V 2% NC	C11, C12, Cb, Cc		0603	Murata				N	
2	CONDENSATEUR MLCC 0603 NP0 50V 5% 10pF	C16, C17		0603			Farnell	1759053		
2	CONDENSATEUR MLCC 0603 NP0 50V 2% 39pF	C8, C15		0603	Murata	GRM1885C1H390GA01				no double source allowed
1	CONDENSATEUR MLCC 0603 NP0 50V 2% 82pF	Ca		0603	Murata	GRM1885C1H820GA01				no double source allowed
4	CONDENSATEUR MLCC 0603 NP0 50V 2% 100pF	C9, C10, C13, C14		0603	Murata	GRM1885C1H101GA01				no double source allowed
1	CONDENSATEUR MLCC 0603 NP0 50V 5% 1nF	C7		0603			Farnell	1759089		
2	CONDENSATEUR MLCC 0603 NP0 50V 5% 10nF	C3, C5		0603			Farnell	1833871		
2	CONDENSATEUR MLCC 0603 NP0 50V 5% 100nF	C1, C6		0603			Farnell	1740621		
2	293D TANTAL SMD POL CAP 1uF 16V 10% Boitier A 1µF	C2, C4		293D-A			Farnell	1754174		
5	Resistance CMS 0603 0,1W 5% NC	R5, R8, R14, R15, Rq		0603					N	
4	Resistance CMS 0603 0,1W 5% 0	R6, R7, R16, R17		0603						
2	Resistance CMS 0603 0,1W 5% 180	R1, R3		0603						
2	Resistance CMS 0603 0,1W 5% 330	Z-RX1, Z-RX2		0603						
2	Resistance CMS 0603 0,1W 5% 1k	R2, R4		0603						
5	Resistance CMS 0603 0,1W 5% 3.3k	R9, R10, R11, R12, R13		0603						
1	RECEPTACLE, 2.54MM, SINGLE ROW, 10WAY	CN1		1*10P_FEMALE	Samtec	SSQ-110-03-L-S	Farnell	2283783		Take care pin length
1	RECEPTACLE, 2.54MM, SINGLE ROW, 6 WAY	CN3		1*6P_FEMALE	Samtec	SSQ-106-03-L-S	Farnell	2283759		Take care pin length
2	RECEPTACLE, 2.54MM, SINGLE ROW, 8WAY	CN2, CN4		1*8P_FEMALE	Samtec	SSQ-108-03-L-S	Farnell	2283782		Take care pin length
2	Connector 1PT	ST1, ST2		CON_1PTS	FCI	77311-401-36LF	Farnell	1097954	**N**	
1	**GREEN** PCB double Layer 105mm x 54mm x 1.6mm									
1	Insert Card X-NUCLEO- NFC03A1									
1	Blister (same than X-NUCLEO-NFC01A1)									