

			PROJECT NAME: X-NUCLEO-CCA02M1						
BILL OF MATERIALS									
Quantity	Reference	Part / Value	Voltage / Watt / Ampere	Type / TECHNOLOGY informations	Tolerance	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number	Additional Notes
1	CN1	NC	NOT MOUNTED						
1	CN5	HEADER 10							
2	CN6,CN9	HEADER 8							
2	CN7,CN10	HEADER 19x2	Female on Bottom						
1	CN8	HEADER 6							
3	C1,C2,C5	100nF				805			
1	C3	15pF	NOT MOUNTED			805			
1	C4	100nF	NOT MOUNTED			805			
1	C6	15pF	50V		5%	805			
1	D1	STPS160A				SMA	STMicroelectronics		
1	J1	HEADER 2							
2	J2,J3	HEADER 3							
2	M1,M2	MP34DT01-M				HCLGA	STMicroelectronics	MP34DT01-M	Do NOT wash the PCB after assembly, see application note AN4211 for soldering profiles
8	M1_EXT_A,M2_EXT,M3_EXT,M4_EXT_A	HEADER 3X2							
2	M1_EXT_B,M4_EXT_B	NC							
2	R1,R2	10K	0.125W		1%	805			
1	R3	NOT MOUNTED				805			
1	R4	100	0.5W		5%	805			
7	SB1,SB2,SB7,SB11,SB13,SB15,SB9	0R				603			
13	SB6,SB8,SB10,SB12,SB14,SB16,SB17,SB18,SB19,SB20,SB21,SB22,SB23	NOT MOUNTED				603			
1	USB	USB Mini-B							
1	U1	USBLC6-2SC6					STMicroelectronics		
1	U2	8MHz	NOT MOUNTED			7x5mm			
1	D2	ESDA7P60-1U1M				1610	STMicroelectronics	ESDA7P60-1U1M	
1	Jumper	J1 Closed							
1	Jumper	J2, position1-2							
1	Jumper	J3 OFF							