

Document/Project reference: STM32 based IBU Universal Interface		PCB reference: STEVAL-PCC009V2							
Company: STMicroelectronics									
Category	S. No.	Reference Designator	Component Description	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number	Supplier	Supplier Ordering Code	Quantity
ST Devices	1	U9	LD1117D33TR	SO-8	ST	LD1117D33TR	ST	LD1117D33TR	1
	2	U1	STM32F103RBT6	LQFP64	ST	STM32F103RBT6	ST	STM32F103RBT6	1
	3	U10	USBLC6-2P6	SOT-666	ST	USBLC6-2P6	ST	USBLC6-2P6	1
	4	U2,U3,U4,U5,U6,U7,U8,U11	ESDALC6V1-5M6	uQFN16	ST	ESDALC6V1-5M6	ST	ESDALC6V1-5M6	8
NON ST Devices									
Crystal and Oscillator	5	Y1	CRYSTAL 8.00 MHZ 20PF 49US	11.35 x 4.5 mm crystal			Digikey	X1094-ND	1
Connectors and jumpers	6	J1	Box header 2.54mm, double row R/A, 10pin,	Header 2x5 pin, 2.54mmx2.54mm Pitch			Protectron	P9604-10-15-1	1
	7	J2	Box header 2.54mm, double row R/A, 30 pin,	Header 2x15 pin, 2.54mmx2.54mm Pitch			Protectron	P9604-30-15-1	1
	8	J3	Box header 2.54mm, double row R/A, 20 pin,	Header 2x10 pin, 2.54mmx2.54mm Pitch			Protectron	P9604-20-15-1	1
	9	J4	USB-B	USB Mini B-Type			Samtec	MUSB-05-S-B-SM-A	1
	10	SW1	RESET Switch	Push Button			Farnell	9471898	1
	11	SW2(DNM)	SPDT Switch	Slider			Farnell	674357	0
LEDs	12	D1, D2	LED	3 mm SMD LED			Any		2
Capacitors	13	C1,C2,C3,C6,C9,C10,C11,C12,C14,C16,C19	100nF	SMD0805			Any		11
	14	C4,C5	22pF	SMD0805			Any		2
	15	C15	4.7uF	SMD1206			Any		1
	16	C7,C18	CAP CER 10UF 16V X5R 1206	SMD1206			Digikey	587-1339-2-ND	2
	17	C8	10nF	SMD0805			Any		1
	18	C17	4.7nF	SMD0805			Any		1
Inductors	19	L1	INDUCTOR MULTILAYER 10UH 201	SMD Inductor			Any	445-1059-1-ND	1
	21	R1,R5	RES 100K OHM 1/8W 5% 0805 SMD	SMD0805			Digikey	311-100KARTR-ND	2
Resistors	22	R3(DNM), R25,R8, R24(DNM), R4	RES 0.0 OHM 1/8W 0805 SMD	SMD0805			Digikey	RMCF1/100RTR-ND	3
	23	R6,R14	RES 1M OHM 1/8W 5% 0805 SMD	SMD0805			Digikey	RMCF1/101MJRTR-ND	2
	24	R2,R15	360	SMD0805			Any		2
	25	R7,R9, R10, R16, R11, R12	10k	SMD0805			Any		6
	26	R17	100	SMD0805			Any		1
	27	R13	RES 1.5K OHM 1/8W 5% 0805 SMD	SMD0805			Any	RMCF1/101.5KJTR-ND	1
	28	R18,R19,R20,R21,R22,R23	4k7	SMD0805			Any		6
	29	RN1,RN2,RN4,RN5,RN6, RN7,RN8, RN9	RES ARRAY 150 OHM 5% 4 RES SMD	SMD0805			Digikey	Y9151CT-ND	7
	30	RN3	RES ARRAY 4.7K OHM 8TRM 4RES SMD	SMD0805			Digikey	YC164J-4.7KCT-ND	1
	Test Point Scews and Nuts	31	TP1, TP2	TERM TEST POINT , SLOTTED .032"DIA	Not Applicable			Digikey	1031K-ND
32		Not Applicable	Screws and Nuts				Any		4