

	Document reference:STEVAL-PCC015V1 USB to RS232 Bridge Cable			PCB reference:			Date:	17-Oct-11	
	Company: STMicroelectronics								
Category	S. No.	Reference Designator	Component Description	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number or Equivalent	Supplier	Supplier Ordering Code	Quantity
ST Devices	1	U1	STM32 Medium-density performance lineMicrocontroller, 36 Pin, 64 KB	VFQFPN	ST	STM32F103T8U6			1
	2	U2	RS-232 drivers and receivers	TSSOP16	ST	ST3232BTR			1
	3	U3	500 mA low quiescent current low noise voltage regulator	DFN6	ST	LD39050PU33R			1
Crystal and Oscillator	1	J5	CRYSTAL 16 MHZ 18PF SMD	4-SMD, No Lead (DFN, LCC)	TXC		Digikey	887-1142-1-ND	1
Connectors and jumpers	1	J4	DB9 Female Conn, D-SUB RCPT 9POS SLD CUP AU	D-Sub, DB9 Female Conn	TE Connectivity/ Protectron		Digikey or Protectron	A32510-ND / P7035F09-02-5	1
	2	J2	DFU Mode Selector	1x2 Header, 1.27mm Pitch	Any				1
	3	J1	SWD Connector						
Capacitors	1	C15	CAP CER 4700PF,25V X7R 10% 0402	0402 SMD	TDK Corporation	C1005X7R1E472 K	Digikey	445-1259-1-ND	1
	2	C10,11	CAP CER 1.0UF,6.3V X5R 20% 0402	0402 SMD	TDK Corporation	C1005X5R0J105 M	Digikey	445-1415-1-ND	2
	3	C8,C12,C14	CAP CER 15PF,50V C0G 5% 0402	0402 SMD	TDK Corporation	C1005C0G1H150 J	Digikey	445-1237-1-ND	3
	4	C3,C4,C5,C6, C7,C16,C17,C18	CAP CER .10UF,10V X5R 10%	0402 SMD	TDK Corporation	C1005X5R1A104 K	Digikey	445-1265-1-ND	8

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	5	C1,C2	CAP CER 20PF,50V C0G 0402	0402 SMD	TDK Corporation	C1005C0G1H200J	Digikey	445-4900-1-ND	2
Resistors	1	R9	RES 0.0 OHM,1/10W 0402 SMD	0402 SMD	Panasonic	ERJ-2GE0R00X	Digikey	P0.0JCT-ND	1
	2	R8	RES 10K OHM,1/10W 5% 0402 SMD	0402 SMD	Panasonic	ERJ-2GEJ103X	Digikey	P10KJCT-ND	1
	3	R7	RES 1.5K OHM,1/10W 5% 0402 SMD	0402 SMD	Panasonic	ERJ-2GEJ152X	Digikey	P1.5KJCT-ND	1
	4	R4,R5	RES 22 OHM,1/10W 5% 0402 SMD	0402 SMD	Panasonic	ERJ-2GEJ220X	Digikey	P22JCT-ND	2
	5	R1,R6	RES 1.0M OHM,1/10W 5% 0402 SMD	0402 SMD	Panasonic	ERJ-2GEJ105X	Digikey	P1.0MJCT-ND	2
Others	1		USB A Type Cable						1
	2		DB9 Casing		Norcomp Inc.	972-009-01SR011	Digikey	972-09SBE-ND	1
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