

	<b>Document / Project reference: Embedded Ethernet web client based on STR91x</b>		<b>PCB reference: STEVAL-PCC008V1</b>			<b>Date:</b>	<b>November 3, 2009</b>		
	<b>Company:</b>		<b>STMicroelectronics</b>						
<b>STEVAL-PCC008V1 Main Board : BOM</b>									
<b>Category</b>	<b>S. No.</b>	<b>Reference Designator</b>	<b>Component Description</b>	<b>Package</b>	<b>Manufacturer</b>	<b>Manufacturer's ordering code / Orderable Part Number or Equivalent</b>	<b>Supplier</b>	<b>Supplier Ordering Code</b>	<b>Quantity</b>
<b>ST Devices</b>	1	U1	Ethernet PHY	TQFP64 10x10mm	ST	E-STE100P			1
	2	U3	LDS3985M18R Ultra drop-low noise voltage regulator	SOT23-5L	ST	LDS3985M18R			1
	3	U4	LD1117AS33TR Low drop voltage regulator	DPAK	ST	LD1117AS33TR			1
	4	U6	ARM966E-S™ 16/32-Bit Flash MCU with Ethernet, USB, CAN, AC motor control, 4 timers, ADC, RTC, DMA	LQFP128	ST	STR912FAW44X6			1
	5	U7	STM6718TW ultra-low voltage supervisors	SOT23-5 (WY)	ST	STM6718TWWY6F			1
	6	U8	USBLC6_2P6 Very Low Capacitance ESD protection	SOT23-6L	ST	USBLC6-2P6			1
	7	U9	Very Low Capacitance ESD protection	SOT23-6L	ST	USBLC6-2SC6			1
	8	U10	EEPROM	SO8 (150 mil)	ST	M24C01-WMN6TP			1
	9	D2,D7	POWER SCHOTTKY RECTIFIER)	SMB	ST	STPS1L30U			2
	10	Z1	TRANSIL	SMB	ST	SMAJ6.0A-TR			1
<b>Crystal and Oscillator</b>	1	Y1	Quartz Crystal 25MHz	11.35mmx4.35mm, SS4	Jauch	Q25.0-SS4-30-30/30			1
	2	Y2	Tuning Fork Crystal 32kHz	2.0mmx6.0mm	Jauch	Q 0,032768-MMTF32-12,5-20			1
<b>Connectors and jumpers</b>	1	CONN1	RJ45 With Magnetics and G/YLED	PCB Mountable, Right Angle, through hole	TYCO	5-6605758-4	RS Components	Part# 6154412	1

	2	J6	POWER JACK 2.5MM	SOCKET, DC POWER, 2.5MM, Right Angle, Locking Type	Protectron	PDCJ01-08			1
	3	J10	Standard USB B-Type Connector	PCB Mountable, Right Angle, through hole	Any				1
	4	J11	JTAG Connector	Box Header, Right Angle, 20way, 2x10pin, 2.54mmx2.54mm Pitch	Protectron	P9604-20-15-1			1
	5	J16	uSD Connector	SMD	Proconn Technology	MSPN09-D0-1002			1
	6	J19,J20	CON3	1x3pin, Header 2.54mmx2.54mm Pitch	Any				3
	7	J24,J25	CON8	1x8pin, 2.54mmx2.54mm Pitch	Any				2
	8	J27, J28	CON2	1x2pin,2.54mmx2.54mm Pitch	Any				1
	9	CONN2	TFT LCD_CONNECTOR	2x8 pin Socket, 2.54mmx2.54mm Pitch	Any				1
<b>LEDs</b>	1	D5,D6,D9	LED	SMD0805	Any				3
<b>Capacitors</b>									
	1	C5,C7	10pF	SMD0805	Any				2
	2	C72,C73	12.5pF	SMD0805	Any				2
	3	C46,C48	30pF	SMD0805	Any				2
	4	C1	1nF	SMD0805	Any				1
	5	C58	4.7nF	SMD0805	Any				1
	6	C35	10nF	SMD0805	Any				1
	7	C2,C3,C4,C6,C9,C10,C11,C12,C13,C14,C15,C16,C21,C22,C25,C30,C32,C38,C39,C47,C49,C50,C52,C53,C54,C55,C56,C57,C59,C60,C61,C62,C63,C64,C65,C66,C67,C69,C70,	100nF	SMD0805	Any				38
	8	C8,C17,C68,C71	4.7uF/Tantalum	EIA 3528-21/ Size A	Any				4
	9	C31,C33,C37,C51	10uF/Tantalum	EIA 3528-21/ Size A	Any				4



Category	S. No.	Reference Designator	Component Description	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number or Equivalent	Supplier	Supplier Ordering Code	Quantity
<b>STEVAL-PCC008V1 : Daughter Board : BOM</b>									
<b>Switches</b>	1	SW1, SW2, SW3, SW4, SW5, SW6	SWITCH, TACTILE, SPNO, Through Hole	6.00mm x 6.00mm, 2pin	C&K Components	PTS645SL70TR LFS	Digikey	CKN9110 CT-ND	6
<b>Connectors and jumpers</b>	2	J1, J2	Sockets, 1x8 pin	Sockets, 1x8 pin, 2.54mm pitch	Protectron	P9401-08-21			2
<b>Capacitors</b>	3	C1, C2, C3, C4, C5, C6	100nF	SMD0805	Any				6
<b>Resistors</b>	4	R1, R2, R3, R4, R5, R6	10k	SMD0805	Any				6
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