

STEVAL-PCC010V2 - STM32F207

Designator	Quantity	Description	Value	Order	Not assemble
C1, C2, C8	3	Polarized Capacitor (Surface Mount)	10uF/6.3V	Farnell: 1213794	
C3, C4	2	Capacitor	100n_0805	Farnell: 1414664	
C6, C17	2	Capacitor	100nF_0603	Farnell: 4532004	
C5, C7, C9, C10, C11, C12, C13, C14	8	Capacitor	10nF	Farnell: 1709948	
C15, C16	2	Capacitor	12pF	Farnell: 1462447	
CN1	1	MOLEX - 675031020 - SOCKET, USB, MINI-B, SMT, W/PEGS	USB_1X90A	Farnell: 1125348	
CN2	1	Header, 20-Pin, Dual row, With key	JTAG	Farnell: 1099258	
CN3	1	Socket, 20-Pin, Dual row, side mounting	Socket 10X2, BL820GD	Farnell: 1593494 GME: 832-009	
CN4	1	Socket, 20-Pin, Dual row, side mounting	Socket 10X2, BL820GD	Farnell: 1593494 GME: 832-009	
L1	1	Inductor, 'BLM18BA05OSN1D	BEAD	Farnell: 1515680	
LD1	1	Typical RED, GREEN, YELLOW, AMBER GaAs LED	yellow	Farnell: 1226420	
LD2	1	Typical RED, GREEN, YELLOW, AMBER GaAs LED	green	Farnell: 1226373	
LD3	1	Typical RED, GREEN, YELLOW, AMBER GaAs LED	red	Farnell: 1226392	
R1	1	Resistor	1k5_0603	Farnell: 1632406	
R2, R4	2	Resistor	22R_0603	Farnell: 1692521	
R3, R6, R7, R8, R9, R12	6	Resistor	10k_0603	Farnell: 1601277	
R5	1	Resistor	1M_0603	Farnell: 1631320	R5
R10	1	Resistor	47R_0603	Farnell: 1646283	
R11	1	Resistor	0R_0603	Farnell: 1573911	
R13	1	Resistor	330R	Farnell: 1646224	
R15	1	Resistor	470R	Farnell: 9367659	
R14	1	Resistor	220R	Farnell: 1646159	
RESET1	1	Switch	Reset	GME: 630-121 Farnell: 9471898	
RESET2	1	Switch	B1	GME: 630-121 Farnell: 9471898	
U2	1	MCU	STM32F207	ST: STM32F207VGT6	
U3	1	Low Drop Voltage Regulator	LD1117S33	ST: LD1117S33	
X1	1	Epson Crystal: FA-238	25MHz	Farnell: 1712818	
SB1, SB2, SB3, SB4, SB5, SB6, SB7	7	Solder bridge			SB1, SB2, SB4, SB7

STEVAL-PCC010V2 - ST802RT1A

Designator	Quantity	Description	Value	Order	Not assemble
B1	1	Push button (DT2112C)	RESET	GME: 630-121 Farnell: 9471898	
C1, C2	2	Generic capacitor	10nF	Farnell: 1709948	
C3, C4	2	Generic capacitor	12pF	Farnell: 1462447	
C5, C6, C7, C9, C10, C11, C14, C15, C17	9	Generic capacitor	100nF	Farnell: 4532004	C10, C17
C8, C12	2	Generic capacitor	1uF/X5R Murata GRM188R60J105KA01	Murata: GRM188R60J105KA01 Farnell: 1710296	
C13, C16	2	Generic polarized capacitor	10u/Tantalum	Farnell: 1213794	
D1	1	Schottky Diode	STPS160A / STPS2L40U	ST: STPS2L40UF	
J1	1	Plug Assembly, 40-Pin Connector	Connector 40	Tycoelectronics: 174218-2; Fujitsu: FCN-238P040-G/F	J1
J2, J8	2	1pin header, 2mm Banana Receptacle	2MM_REC		J2, J8
J3, J4, J5, J6, J7	5	1pin header	GND	Farnell: 1593411	
J9	1	RJ45 Ethernet connector with integrated magnetic	RJ-45	Pulse: J00-0086NL	
JP1, JP4, JP5, JP6, JP7, JP19, JP20	7	2pin Jumper Wire	Jumper	Farnell: 1593411	
JP8, JP9, JP10, JP11, JP12, JP13, JP14, JP15, JP16, JP17, JP18	11	3pin Jumper Wire	Jumper3	Farnell: 1593412	
L1, L2	2	Ferrite bead	NFE31PT222Z1E9L Murata	Farnell: 9528172	
LED1, LED2	2	Generic LED	Yellow	Farnell: 1226420	
LED3, LED4, LED8	3	Generic LED	Red	Farnell: 1226392	
LED5, LED6	2	Generic LED	Green	Farnell: 1226373	
P1	1	Header, 20-Pin, Dual row	Header 10X2	Farnell: 1593446	
R1	1	Generic Resistor	5K6	Farnell: 1514773	
R2	1	Generic Resistor	91K	Farnell: 1646361	
R3, R4	2	Generic Resistor	10K	Farnell: 1601277	
R5	1	Generic Resistor	1M NA	Farnell: 1631320	R5
R6, R8	2	Generic Resistor	750	Farnell: 1399909	R6, R8
R7, R9	2	Generic Resistor	1K2	Farnell: 1632396	
R17, R18, R19, R20, R21, R22, R23, R24	8	Generic Resistor	2K2	Farnell: 1632417	
R25	1	Generic Resistor	330R	Farnell: 1646224	
R26, R28, R30	3	Generic Resistor	2K	Farnell: 1632414	
R27, R32	2	Generic Resistor	470R	Farnell: 9367659	
R29	1	Generic Resistor	220R	Farnell: 1646159	
R31, R33, R34, R35	4	Generic Resistor	75R	Farnell: 9331549	R31, R33, R34, R35
SB1, SB2, SB3, SB4, SB5, SB6, SB7, SB8, SB9, SB10	10	Soldering Bridge	Soldbridge		SB4, SB5
U1	1	10/100 Fast Ethernet 3.3 V Transceiver	ST802RT1A	ST: ST802RT1A	
U3	1	Linear regulator	LD1117S33	ST: LD1117S33	
U4	1	H1300 Ethernet Transformer	H1300 (Pulse)		
X1	1	Epson Crystal: FA-238	25MHz	Farnell: 1712818	
Jumper	18	JUMP-SW OPEN BLACK	JUMP-SW OPEN BLACK	GME: 832-140; Farnell: 4218152	