





STEVAL-PCC012V1

| Designator | Value | Comment | Qty | Order |
|--|---------------------|-------------------------|-----|-------------------------------|
| LD1, LD3 | | YELLOW | 2 | Farnell: 1226420 |
| LD2, LD5 | | RED | 2 | Farnell: 1226392 |
| LD4, LD6 | | GREEN | 2 | Farnell: 1226373 |
| D4 | SM6T33A | ST: SM6T33A | 1 | ST: SM6T33A |
| RESET | | SW-PB | 1 | GME: 630-121 Farnell: 9471898 |
| D1, D2, D3, D5 | STPS3L40U | ST: STPS3L40U | 4 | ST: STPS3L40UF |
| CN5 | | Pulse: J00-0086 | 1 | ST: Prague |
| R11, R14, R16, R18, R19, R20, R21, R22, R23, R48 | 10k_0603 | 10k_0603 | 10 | Farnell: 1601277 |
| R17 | 470R_0603 | 470R_0603 | 1 | Farnell: 9367659 |
| R2 | 47R_0603 | 47R_0603 | 1 | Farnell: 1646283 |
| R24, R25, R32, R63, R64 | 0R_0603 | 0R_0603 | 5 | Farnell: 1573911 |
| R26 | 300R_0603 | 300R_0603 / 330R | 1 | Farnell: 1646224 |
| R28, R30 | 22R_0603 | 22R_0603 | 2 | Farnell: 1692521 |
| R5, R9, R15 | 680_0603 | 680_0603/ 510 | 3 | Farnell: 9367985 |
| C15, C16 | 10uF/16V | 10uF/16V, 6.3V | 2 | Farnell: 1213794 |
| C26 | 47uF | 10uF | 1 | Farnell: 1213794 |
| C4 | 47uF | 100uF | 1 | Farnell: 1696568 |
| C5 | 10uF | 10uF | 1 | Farnell: 1213794 |
| U3 | | LD1117S33 | 1 | ST: LD1117S33 |
| CN2 | DC10B socket | GM: K375A | 1 | Farnell: 224959 |
| L1 | 100uH | BEAD | 1 | Farnell: 1515680 |
| L2 | POWER-CHOKE WE-PD 4 | 33uH | 1 | Würth : 74456133 |
| CN8 | | Header 12X2 | 1 | Farnell: 1593496 |
| CN6 | | Header 12 | 1 | Farnell: 1593465 |
| CN3 | | Header 10X2 S | 1 | Farnell: 1593494 GME: 832-009 |
| CN7 | | Header 7X2 | 1 | Farnell: 1099256 |
| P2 | Terminal Block | Terminal Block | 1 | Farnell: 3041359 |
| CN1 | | GM: MLW20G | 1 | Farnell: 1099258 |
| R10 | 47K | 47K | 1 | Farnell: 1632440 |
| R13 | 3k0 | | 1 | Farnell: 9366679 |
| R52 | 91k | 91k | 1 | Farnell: 1646361 |
| R53 | 5k6 | 5k6 | 1 | Farnell: 1514773 |
| R27, R40 | 1K2 | 1K2 | 2 | Farnell: 1632396 |
| R3, R12, R29, R31, R33, R34, R35, R36, R39 | 2K2 | 2K2 | 10 | Farnell: 1632417 |
| R4 | 102K NA | 102K NA | 1 | NOT ASSEMBLED |
| R41, R43 | 220 | 220 | 2 | Farnell: 1646159 |
| R42, R44 | 2k | 2k | 2 | Farnell: 1632414 |
| R46 | 1M | 1M | 1 | Farnell: 1631320 |
| R47, R49 | 4K7 | 4K7 | 2 | Farnell: 9367691 |
| R51 | 22K | 22K | 1 | Farnell: 9366008 |
| R54, R55, R56, R57, R58, R59 | 100K | 100K | 6 | Farnell: 1469649 |
| R7, R45, R50, R60, R61, R62 | 10K | 10K | 6 | Farnell: 1601277 |
| R8 | 100R | 100R | 1 | Farnell: 1632390 |
| C30, C31, C32, C34, C35, C42 | 100n | C | 6 | Farnell: 4532004 |
| C33, C36, C43 | 10u/X5R | C | 3 | Farnell: 1463381 |
| U10 | | G2M5477 | 1 | NOT ASSEMBLED |
| U5, U6 | | DVIULC6-2P6 | 2 | ST: DVIULC6-2P6 |
| X1 | | 14.7456MHz | 1 | Farnell: 1538854 |
| X2 | | 25MHz | 1 | Farnell: 1712818 |

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| C1, C6, C8, C10, C11, C12, C13, C14, C41 | 10nF | 10nF | 9 | Farnell: 1709948 |
| C17, C18 | 100n_0805 | 100n_0805 | 2 | Farnell: 1414664 |
| C19, C21, C22, C23, C24, C27, C28, C40 | 100nF_0603 | 100nF_0603 | 8 | Farnell: 4532004 |
| C2 | 10uF / ceramic / 35V | 10uF ceramic /35V | 1 | Farnell: 1611967 |
| C20, C25 | | 12pF | 2 | Farnell: 1462447 |
| C29 | | 10nF/500V | 1 | Farnell: 1709948 |
| C3 | 470nF | 470nF | 1 | Farnell: 1414741 |
| C38, C39 | | 100nF | 2 | Farnell: 4532004 |
| C7 | 47pF | 47pF | 1 | Farnell: 1710243 |
| C9 | 1nF | 1nF | 1 | Farnell: 1709934 |
| U8 | | ST802RT1 | 1 | ST: ST802RT1 |
| JP6, JP7 | 0R 0805 |  | 1 | Farnell: 1632473 |
| JP4, JP5 | | 3pin Jumper Resistor 4k7 | 2 | NOT ASSEMBLED |
| JP2, JP3 | 0R 0805 |  | 3 | Farnell: 1632473 |
| JP1 | 0R_0805 |  | 1 | Farnell: 1632473 |
| 3V3 | only test point | +3V3 | 1 | NOT ASSEMBLED |
| 5V0 | only test point | +5V0 | 1 | NOT ASSEMBLED |
| CN4 | USB mini connector | 565790576 | 1 | Farnell: 1125348 |
| CN9 | SD card connector | PJS008-2000 | 1 | YAMAICHI: PJS008-2003 (www.manudax.fr) |
| DDD1 | this is only label | ST_LOGO | 1 | NOT ASSEMBLED |
| DDD2, DDD4 | this is only label | ROH1 | 2 | NOT ASSEMBLED |
| DDD3 | this is only label | ROH2 | 1 | NOT ASSEMBLED |
| GND | this is only label | GND | 1 | NOT ASSEMBLED |
| hole1, hole2, hole3, hole4 | this is only label | DistanceHole | 4 | NOT ASSEMBLED |
| L3, L4 | | MLS0805-4S4-300 | 2 | Farnell: 1635729 |
| RXupd, TXupd | only test point | | | NOT ASSEMBLED |
| SW1 | | JOYSTICK | 1 | Farnell: 1316987 |
| SB1, SB2 | | | | NOT ASSEMBLED |
| SB3 | 0R 0805 | 0R 0805 | 1 | Farnell: 1631370 |
| S5 | | | | NOT ASSEMBLED |
| SB6 | 0R 0805 | 0R 0805 | 1 | Farnell: 1631370 |
| SB7 | | | 1 | NOT ASSEMBLED |
| CF1, CF2 | 2k2_0508 |  | 2 | Farnell: 1632473 |
| U1 | | STM32F107_256K | 1 | ST: STM32F107 |
| U2 | | L7986A | 1 | ST: L7986A |
| U4 | | STMP2141STR | 1 | ST: STMP2141STR |
| U7 | | USBLC6-2P6 | 1 | ST: USBLC6-2P6 |
| U9 | | ZG2100M | 1 | NOT ASSEMBLED |
| CN5 | 1:1,141 | Ethernet connector | 1 | in Awos on stock |

for jumper resistors
for jumper resistors

0R 0805
2k2_0805

12 Farnell: 1631370
2 Farnell: 1632473