

| SolidRun P/N | Quantity | AssemblyOption | Value | Description | Manufacturer Name | Manufacturer P/N | PCB Footprint | Reference |
|--------------|----------|-------------------------------|--------------------------|---|--------------------------|----------------------|--------------------------|---|
| CO00005 | 1 | FTDI | 10103594-0001LF | microUSB Type B connector | FCI | 10103594-0001LF | NA | CON5 |
| CO00070 | 1 | | IT-1102H 6x6x4.85 | Right Angle reset button 6x6x4.85mm | wellbuying | IT-1102H | | SW3 |
| DM00002 | 1 | Mbus | mikroBUS | <null> | <null> | <null> | mikroBUS | U14 |
| RE20299 | 1 | PHY1 | 330ohm | RES 0402 1/16W 330? 1% | Yageo | RC0402FR-0730RL | R0402 | R49 |
| CO00079 | 1 | HEADER 4X2 | | 50 mil header 2 x 4 | Cvliux | CH52082V100 | | J22 |
| RE20207 | 1 | | 100ohm | RES 0402 1/16W 100 1% | Yageo | RC0402FR-07100RL | R0402 | R67 |
| RE20204 | 1 | FTDI | 2.2kohm | CHIP RES 2.2K 1/16W 0402 | YAGEO | RC0402JR-072K2L | 402 | R30 |
| CA20016 | 1 | PHY1 | 220nF | CAP CER 0402 0.22uF 6.3V 10% X5R | Murata | GRM155R60J224KE01D | CO402 | C87 |
| CA20015 | 2 | | 560pF | CAP CER 560PF 50V 10% X7R 0402 | MURATA | GRM155R71H561KA01D | CO402 | C29,C34 |
| CA20092 | 2 | | 3.3nF | CAP CER 3.3nF 16V 10% X5R 0402 | TDK | CG1282X7R1C332K050BA | CO402 | C37,C38 |
| CA20090 | 14 | USB,mPCle0,M.2_SSD,PHY1 | 100nF-ESL | CAP CER 100NF 16V 10% X7R 0402 | CAPAX | 0402X104K250SNT | CO402 | C42,C43,C55,C56,C66,C67,C68,C69,C240,C241,C90,C91,C92,C93 |
| CO00042 | 1 | SFP | 1367073-1_U77-A1618-2001 | SF Plus (SFP) Connector and housing | Amphenol | U77-A1618-2001 | 1367073-1_U77-A1618-2001 | CON6 |
| CO00921 | 1 | | PCA9655 | 16-bit I2C I/O EXPANDER | On Semi | PCA9655EMTTXG | WQFN24 | U19 |
| CO00595 | 1 | M.2_SSD | NGFF M.2 | <null> | <null> | <null> | NGFF | U10 |
| DI00210 | 1 | | LED | Indication LED 0603 - Green | Everlight | | N/A | LED3 |
| CA20147 | 2 | | 100nF-50V | CAP CER 0.1UF 50V 10% X7R 0402 | MURATA | GRM155R71H104KE14D | CO402 | C25,C26 |
| BT00001 | 1 | | SCR1620VED1S | <null> | JL Worldwide | SCR1620VED1S | N/A | 8T2 |
| IC00161 | 1 | mPCle0 | TS9011ACX | LDO - 1.5V output, 0.25A, 12V maximum in/out | Taiwan Semiconductors | TS9011ACX | SOT-23 | U5 |
| RE40001 | 2 | | 0ohm-0805 | RES 0805 1/BW 0 5% | Yageo | RC0805JR-070RL | R0805 | R9,R11 |
| CO00091 | 1 | uSD | | Micro SD push-push | CEN LINK | ZM90-15000-0BR1 | ZM90 | U3 |
| DI00001 | 1 | | BAT54C | BAT54C | Vishay | BAT54C-G3-08 | SOT23-1A3C-DIODE | D1 |
| CO00059 | 1 | UIM1 | Micro SIM | Micro SIM Card Connector - Push-Push Type 6 or 8 Pin, SMT, 1.50mm Profile (6-pin) | GCT | SIM7100-6-1-15-00-A | | CON67 |
| RN00002 | 1 | | 4x4.7kohm | 4 Elements 4.7kOhms 5 % | CTS Electronic | <null> | 4xR0402 | RN3 |
| IN00045 | 1 | | 4.7uH | Power inductor 4.7uH Isat=7A | VIKING | SDB0650M4R7 | SDB0650 | L3 |
| CO00098 | 1 | | DTSM-3 | BOURNS | BOURNS | DTSM-3 | | U18 |
| IN00047 | 1 | | 6.8uH | Power inductor 6.8uH Isat=5.5A | VIKING | SDB0650M6R8 | SDB0650 | L4 |
| CO00526 | 1 | USB | USB-3.0 Type A | USB-3.0 Host connector | Genesis | USAR-2F09-AB63T1H | U3F09D-FIN2 | CON2 |
| IC01002 | 1 | PHY1 | ATPL-453R | 1000 BASE T? DUAL PORT PoE PLUS MAGNETICS MODULE SMT | <null> | <null> | ATPL-453R | T2 |
| IC01003 | 1 | USB | NCP3801-1.0A | USB 1A Current limiter | OnSemi | NCP380HSN10AAT1G | TSOP-5 | U4 |
| IN00001 | 2 | | 90Ohm | Filter Bead 90ohms 25% | VIKING | CB05YTYH900 | L0805 | FB2,FB4 |
| RE20015 | 3 | M.2_SSD | 100kohm | RES MF 100.0K 1/16W 1% 0402 | Yageo | RC0402FR-07100KL | R0402 | R15,R18,R149 |
| IN00003 | 1 | FTDI | 120ohm | Bead 120ohm, 100MHz, 2A | Murata | BLM188P21SN1D | L0603 | F85 |
| RE20013 | 9 | uSD,M.2_SSD | 100kohm | RES 0402 1/16W 10K? 1% | Yageo | RC0402FR-0710KL | R0402 | R16,R22,R29,R145,R147,R156,R157,R158,R159 |
| CO00018 | 1 | mPCle0 | CON 2X26 PCIe | PCI Express / PCI Connectors | OTES | AAA-PCI-098-P01 | AAA-PCI-098 | CON3 |
| RE20100 | 2 | | 15kohm | RES 0402 1/16W 15K 1% | Yageo | RC0402FR-0715KL | R0402 | R19,R21 |
| RE20009 | 4 | SFP,PHY1 | 0ohm | RES 0402 1/16W 0? 5% | Yageo | RC0402JR-070RL | R0402 | R40,R41,R42,R58 |
| CO00017 | 2 | | DF40C-80DS-0.4V(51) | Board to Board Receptacle 80 pins | Hirose | DF40C-80DS-0.4V(51) | DF40C-80 | J1,J2 |
| MCH0006 | 1 | mPCle0 | MECH_4_2_5 | Mechanical spacer. 3mm height | <null> | <null> | MECH_4_2_5 | U8 |
| CO00543 | 1 | PHY1 | 56LED-B-S-2ports | RJ45 2x1, With LEDs, WO magnetics | Data JDE | B56352-8806-M002 | RJ45x2 | CON7 |
| CA20005 | 14 | uSD,USB,mPCle0,FTDI,PHY1,Mbus | 1uF | CAP CER 0402 1uF 10V 10% X5R | samsung | CL05A105KPSNNNC | CO402 | C40,C44,C48,C53,C71,C85,C86,C88,C89,C99,C101,C103,C123,C130 |
| RE20152 | 4 | M.2_SSD | 110kohm | RES 0402 1/16W 110K 1% | Yageo | RC0402FR-07110KL | R0402 | R8,R10,R13,R148 |
| CA60003 | 6 | | 22uF-C1210 | CAP CER 22UF 50V 20% X5R 1210 | SAMSUNG | CL32B226KBJNNWE | C1210 | C20,C21,C27,C28,C32,C33 |
| RE20155 | 2 | | 50kohm | RES MF 50K 1/16W 1% 0402 | Yageo | RC0402FR-0750KL | R0402 | R14,R17 |
| CA20001 | 25 | uSD,mPCle0,FTDI,SFP,PHY1,UIM1 | 100nF | CAP CER 0402 100nF 10V 10% X7R | samsung | CL05B104KPSNNNC | CO402 | C7,C9,C17,C24,C131,C133,C39,C51,C60,C61,C77,C81,C84,C95,C96,C97,C98,C100,C105,C106,C107,C108,C109,C124,C134 |
| RE20153 | 1 | | 115kohm | RES 0402 1/16W 115K 1% | Yageo | RC0402FR-07115KL | R0402 | R12 |
| RE20150 | 3 | | 22ohm | RES MF 22 OHM 1/10W - 0402 | Yageo | RC0402FR-0722RL | R0402 | R1,R2,R3 |
| IC00023 | 1 | M.2_SSD | | Dual n-channel mosfet | <null> | <null> | | U23 |
| RE20300 | 2 | | 1.6kohm | RES 0402 1/16W 1.6K? 1% | Yageo | RC0402FR-0716KL | R0402 | R5,R6 |
| SW00010 | 1 | | SW DIP-5/SM | SMT 5 element DIP Switch | DIPTRONICS MANUFACTURING | DMR-05(A) (P) | | SW1 |
| CA20082 | 2 | | 470pF | CAP CER 470PF 50V 10% X7R 0402 | MURATA | GRM155R71H471KA01D | CO402 | C22,C23 |
| CO00054 | 1 | SFP | 1367073-1_U77-A1618-2001 | SF Plus (SFP) Connector and housing | Amphenol | U77-A1618-2001 | 1367073-1_U77-A1618-2001 | CON66 |
| CA50001 | 2 | USB | 47uF | CAP CER 1206 47UF 6.3V 20% X5R | murata | GRM31CR60J476ME19L | C1206 | C45,C46 |
| RE20156 | 2 | | 25.5kohm | RES 0402 1/16W 25.5K 1% | Yageo | RC0402FR-0725K5L | R0402 | R20,D2 |
| CO00053 | 1 | | KLDHXC-0202-A-LT | Power Jack | Kycon | KLDHXC-0202-A-LT | | CON1 |
| RE20026 | 1 | PHY1 | 4.99kohm | RES 0402 1/16W 4.99K? 1% | Yageo | RC0402FR-074K99L | R0402 | R46 |
| IC00015 | 1 | FTDI | FT230X | UART interface!supportfor 7 or 8 data bits | FTDI | FT230XQ-R | QFN16 | U11 |
| RE20025 | 3 | | 470ohm | CHIP RES 470 F 1/16W 0402 | Yageo | RC0402JR-07470RL | R0402 | R151,R152,R153 |
| RE20022 | 2 | PHY1 | 510ohm | RES 0402 1/16W 510? 5% | Yageo | RC0402JR-07510RL | R0402 | R43,R44 |
| IN00033 | 2 | USB | DI-P11TB800UL2 | Common Mode Filters / Chokes 0504 80ohm EMI Suppression Fltr | Murata | DI-P11TB800UL2L | DI-P11TB800UL2 | L5,L6 |
| MCH0008 | 1 | M.2_SSD | MECH 3.7_6.0 | <null> | <null> | <null> | MECH 3.7_6.0 | J11 |
| IN00016 | 1 | USB | 0805USB-421ML | Common Mode Filter USB 2.0 | Coilcraft | 0805USB-421MLC | CHOKE_0805 | T1 |
| IC00304 | 1 | PHY1 | 88E1512 | Marvell ALASKA 10/100/1000 Ethernet PHY | Marvell | 88E1512-AD-NNP2C000 | QFN56_8X8_OP50_EP_4p57 | U13 |
| IC00566 | 2 | | RT2875A/B | DC2DC chip | RICHTECK | RT2875B | TSOP-14 | U12,U2 |
| IC00710 | 1 | Mbus | MCP3021 | 10-bit ADC I2C Single Channel | MicroChip | MCP3021AAT-E/OT | SOT-23A | U16 |
| IC00300 | 1 | FTDI | Dual Buffer - NLX2G16 | Dual Buffer - NLX2G16 | ON SEMI | NLX2G16AMX1TCG | ULLGA6-CASE613AE | U12 |
| RE20002 | 6 | PHY1,UIM1 | 4.7kohm | RES 0402 1/16W 4.7K? 1% | Yageo | RC0402FR-074K7L | R0402 | R4,R64,R69,R155,R45,R80 |
| RE20103 | 2 | PHY1,Mbus | 220ohm | RES 0402 1/16W 220? 1% | Yageo | RC0402FR-07220RL | R0402 | R48,R65 |
| IN00013 | 2 | SFP | FB_600ohm | Multilayer Ferrite Chip Beads 0402 600ohm 500mA +/-25% | Murata | BLM15AX6015N1D | L0402 | FB8,FB9 |
| IN00012 | 2 | PHY1 | 600Ohm | Multilayer Ferrite Chip Beads 600 OHM | chilisn | PBY160808T-601Y-N | L0603 | FB10,FB11 |
| CA30001 | 7 | mPCle0,SFP | 10uF | CAP CER 0603 10UF 6.3V 10% X5R | Samsung | CL10A106K08NNNC | CO603 | C52,C57,C58,C62,C78,C79,C83 |
| CA30002 | 4 | | 22uF | CAP CER 22UF 6.3V 20% X5R 0603 | MURATA | GRM21BR60J226ME39L | CO603 | C30,C31,C35,C36 |
| CA30003 | 4 | M.2_SSD,PHY1 | 4.7uF | CAP CER 0603 4.7UF 10V 10% X5R | Hitano | 0603B475K160NU | CO603 | C65,C70,C94,C104 |