



:D5

Designator	Description
C1	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C1_0	CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)
C1_2	CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)
C2	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C2_0	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C2_2	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C3	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C3_0	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C3_2	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C4	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C4_0	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C4_2	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C5	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C5_0	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C5_2	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C6	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C6_0	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C6_2	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C7	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C7_0	CAPACITOR CERAMIC SMD0402 10N X7R 16V (AF8252)
C7_2	CAPACITOR CERAMIC SMD0402 10N X7R 16V (AF8252)
C8	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C8_0	CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)
C8_2	CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)
C9	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C9_0	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C9_2	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C10	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C10_0	CAPACITOR CERAMIC SMD0402 10N X7R 16V (AF8252)
C10_2	CAPACITOR CERAMIC SMD0402 10N X7R 16V (AF8252)
C11	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C11_0	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C11_2	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C12	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C12_0	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C12_2	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C13	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C13_0	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C13_2	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C14	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C14_0	CAPACITOR CERAMIC SMD1206 1N0 1KV (AF5239)
C14_2	CAPACITOR CERAMIC SMD1206 1N0 1KV (AF5239)
C15	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C15_0	CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)
C15_2	CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)

C16	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C16_0	CAPACITOR CERAMIC SMD0402 1N X7R 16V (AF8251)
C16_2	CAPACITOR CERAMIC SMD0402 1N X7R 16V (AF8251)
C17	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C17_0	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C17_2	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C18	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C18_0	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C18_2	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C19	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C20	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C21	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C22	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C23	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C24	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C25	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C26	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C28	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C29	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C30	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C31	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C32	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C33	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C34	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C35	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C36	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C37	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C38	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C39	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C79	CAPACITOR CERAMIC SMD1210 1U 50V (AF5885)
C80	CAPACITOR ELECTROLYTIC SMD 100uF 50V (AF5734)
C81	CAPACITOR ELECTROLYTIC SMD 100uF 50V (AF5734)
C82	CAPACITOR CERAMIC SMD1210 1U 50V (AF5885)
C83	CAPACITOR CERAMIC SMD0402 10N X7R 16V (AF8252)
C84	CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)
C85	CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)
C86	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C87	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C88	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C89	CAPACITOR CERAMIC SMD0402 1N X7R 16V (AF8251)
C90	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C91	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C92	CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)
C93	CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)
C94	CAPACITOR ELECTROLYTIC SMD 47uF 6.3V (AF5886)
C95	CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)

C96	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C97	CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)
C98	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
CN1_1	RJ45_XLR NEUTRIC NE8FBH (AL5821)
CN1_2	RJ45_XLR NEUTRIC NE8FBH (AL5821)
CN2	Connector IDC,Molex Type 0.1" Pitch SIL 6 pins (AL4304)
CN6	CONN 6 PIN POWER 5A LCK (AL8647)
CN7	Connector Molex Type 0.1" Pitch 17x2 pins FEM KEY (AL7510)
CN8	Connector Molex Type 0.1" Pitch 17x2 pins FEM KEY (AL7510)
D1	DIODE SCHOTTKY SMD ONSEMI MBRA130LT3 1A 30V (AE5004)
D2	DIODE SCHOTTKY SMD ONSEMI MBRA130LT3 1A 30V (AE5004)
D3	DIODE SCHOTTKY SMD ONSEMI MBRA130LT3 1A 30V (AE5004)
JP1	JUMP 2 OPTION LINK (AL8068)
L1_0	FERRITE BEAD SMD1206 (AF2996)
L1_2	FERRITE BEAD SMD1206 (AF2996)
L2_0	FERRITE BEAD SMD1206 (AF2996)
L2_2	FERRITE BEAD SMD1206 (AF2996)
L3_0	XFRMR PULSE 10/100 1183 (AM7439)
L3_2	XFRMR PULSE 10/100 1183 (AM7439)
L8	INDUCTOR COILCRAFT MSS1038-223ML 22UH (AM8646)
L9	FERRITE BEAD SMD1206 (AF2996)
LD0_1	LED CYL SUN 3mm CLEAR BI-COL RED/YEL (AE8542)
LD1	LED SMD SUN 1106 BLUE (AE6929)
LD1_1	LED CYL SUN 3mm CLEAR BI-COL RED/YEL (AE8542)
Q1	CAPACITOR POLYESTER 100NF 63V 10% (AF0571)
Q1_0	TRANSISTOR PNP 2N4403 (AE0273)
Q1_2	TRANSISTOR PNP 2N4403 (AE0273)
Q2	CAPACITOR POLYESTER 100NF 63V 10% (AF0571)
R1	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R2	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R2_0	RESISTOR CARBON SMD0402 49R9 1% (AC7357)
R2_1	RESISTOR CARBON SMD0805 68R 5% (AC4101)
R2_2	RESISTOR CARBON SMD0402 49R9 1% (AC7357)
R3	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R3_0	RESISTOR CARBON SMD0402 49R9 1% (AC7357)
R3_2	RESISTOR CARBON SMD0402 49R9 1% (AC7357)
R4	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R4_0	RESISTOR CARBON SMD0805 68R 5% (AC4101)
R5	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R5_0	RESISTOR CARBON SMD0402 49R9 1% (AC7357)
R5_2	RESISTOR CARBON SMD0402 49R9 1% (AC7357)
R6	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R6_0	RESISTOR CARBON SMD0402 49R9 1% (AC7357)
R6_2	RESISTOR CARBON SMD0402 49R9 1% (AC7357)
R7	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R7_0	RESISTOR CARBON SMD0805 2K0 5% (AC4694)

R7_2	RESISTOR CARBON SMD0805 2K0 5% (AC4694)
R8	RESISTOR CARBON SMD0402 22R 1% (AC7352)
R8_0	RESISTOR CARBON SMD0402 49R9 1% (AC7357)
R8_2	RESISTOR CARBON SMD0402 49R9 1% (AC7357)
R9	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R9_0	RESISTOR CARBON SMD0402 49R9 1% (AC7357)
R9_2	RESISTOR CARBON SMD0402 49R9 1% (AC7357)
R10	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R10_0	RESISTOR CARBON SMD0402 49R9 1% (AC7357)
R10_2	RESISTOR CARBON SMD0402 49R9 1% (AC7357)
R11	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R11_0	RESISTOR CARBON SMD0402 49R9 1% (AC7357)
R11_2	RESISTOR CARBON SMD0402 49R9 1% (AC7357)
R12	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R12_0	RESISTOR METAL FILM SMD0805 75R 1% (AC5416)
R12_2	RESISTOR METAL FILM SMD0805 75R 1% (AC5416)
R13	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R13_0	RESISTOR METAL FILM SMD0805 75R 1% (AC5416)
R13_2	RESISTOR METAL FILM SMD0805 75R 1% (AC5416)
R14	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R14_0	RESISTOR METAL FILM SMD0805 75R 1% (AC5416)
R14_2	RESISTOR METAL FILM SMD0805 75R 1% (AC5416)
R15	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R16	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R17	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R18	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R19	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R24	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R26	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R29	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R30	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R31	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R32	RESISTOR SMD NOT FITTED 0402
R33	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R34	RESISTOR SMD NOT FITTED 0402
R35	RESISTOR CARBON SMD0805 220R 5% (AC0368)
R36	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R37	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R38	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R39	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R40	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R41	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R42	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R43	RESISTOR CARBON SMD0402 33R 1% (AC7353)
R44	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R45	RESISTOR CARBON SMD0402 4K7 1% (AC7358)

R46	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R47	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R48	RESISTOR SMD NOT FITTED 0402
R50	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R51	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R52	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R53	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R55	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R56	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R57	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R58	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R61	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R65	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R66	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R68	RESISTOR CARBON SMD0402 4K7 1% (AC7358)
R69	RESISTOR SMD NOT FITTED 0402
R70	RESISTOR CARBON SMD0402 0R0 (AC7350)
R71	RESISTOR METAL SMD0402 560R 0.5% (AC8463)
R72	RESISTOR METAL SMD0402 330R 0.5% (AC8460)
R106	RESISTOR CARBON SMD0805 220K 5% (AC4108)
R107	RES SMD 56K 1% 0805 METAL FILM AC5051
R108	RES SMD 68K 1% 0805 METAL FILM AC5427
R109	RESISTOR METAL FILM SMD0805 560R 1% (AC3057)
R110	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)
R111	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R112	RESISTOR METAL FILM SMD0805 560R 1% (AC3057)
R113	RESISTOR CARBON SMD0402 33R 1% (AC7353)
R114	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R115	RESISTOR CARBON SMD0402 33R 1% (AC7353)
R116	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R117	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R118	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
U1	IC SMD FPGA XC3S200A-4FTG256C ACE iGL RACK (AE7280)
U1_0	IC SMD ETHERNET PHY MARVELL 88E3015 (AE7403)
U1_2	IC SMD ETHERNET PHY MARVELL 88E3015 (AE7403)
U2	IC SMD M25PE40-VMW6G SERIAL FLASH 4M 75 MHz (AE8648)
U3	CRYSTAL OSC SMD 25MHz 3V3 XO91 (AE7229)
U7	TPS5420 WIDE INPUT STEP DOWN SWIFT CONVERTER (AE7257)
U8	IC SMD DUAL OP-AMP TLC072 (AE5585)
U9	VCXO G57 24.576MHz (AE6053)
U10	IC SMD SINGLE TRISTATE BUFFER 74AHC1G126 (AE5876)
U11	LD1117-ADJ SOT-223 (AE6931)
U12	MIC5248-1.2BM5 LDO REGULATOR PWR GOOD (AE5883)