



PREVENTS OFF-BY-ONE
CN6 INSERTION (AR2412)

CN6B (AR84)
CN6A (AR2412)

ALLEN & HEATH
AG8377_2
IO RACK COMMS

RESTORE FACTORY
FIRMWARE ON BOOT

Designator	Description
C1, C2, C2_0, C2_1, C2_2, C3, C3_0, C3_1, C3_2, C4, C4_0, C4_1, C4_2, C5, C5_0, C5_1, C5_2, C6, C6_0, C6_1, C6_2, C7, C8, C9, C9_0, C9_1, C9_2, C10, C11, C11_0, C11_1, C11_2, C12, C12_0, C12_1, C12_2, C13, C13_0, C13_1, C13_2, C14, C15, C16, C17, C17_0, C17_1, C17_2, C18, C18_0, C18_1, C18_2, C19, C20, C21, C22, C23, C24, C25, C26, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C86, C87, C88, C90, C91, C96, C98	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)
C1_0, C1_1, C1_2, C8_0, C8_1, C8_2, C15_0, C15_1, C15_2, C84, C85, C92, C93, C95, C97	CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)
C7_0, C7_1, C7_2, C10_0, C10_1, C10_2, C83	CAPACITOR CERAMIC SMD0402 10N X7R 16V (AF8252)
C14_0, C14_1, C14_2	CAPACITOR CERAMIC SMD1206 1N0 1KV (AF5239)
C16_0, C16_1, C16_2, C89	CAPACITOR CERAMIC SMD0402 1N X7R 16V (AF8251)
C79, C82	CAPACITOR CERAMIC SMD1210 1U 50V (AF5885)
C80, C81	CAPACITOR ELECTROLYTIC SMD 100uF 50V (AF5734)
C94	CAPACITOR ELECTROLYTIC SMD 47uF 6.3V (AF5886)
CN1_0, CN1_1, CN1_2	RJ45_XLR NEUTRIC NE8FBH (AL5821)
CN2	Connector IDC,Molex Type 0.1" Pitch SIL 6 pins (AL4304)
CN6A	CONN 6 PIN POWER 5A LCK (AL8647)
CN6B	CONN 6 PIN 90DEG POWER 5A LCK (AL8785)
CN7, CN8, CN9	Connector Molex Type 0.1" Pitch 17x2 pins FEM KEY (AL7510)
D1, D2, D3	DIODE SCHOTTKY SMD ONSEMI MBRA130LT3 1A 30V (AE5004)
JP1	JUMP 2 OPTION LINK (AL8068)
L1_0, L1_1, L1_2, L2_0, L2_1, L2_2, L9	FERRITE BEAD SMD1206 (AF2996)
L3_0, L3_1, L3_2	XFRMR PULSE 10/100 1183 (AM7439)
L8	INDUCTOR COILCRAFT MSS1038-223ML 22UH (AM8646)
LD0_1, LD1_1, LD2_1	LED CYL SUN 3mm CLEAR BI-COL RED/YEL (AE8542)
LD1	LED SMD SUN 1106 BLUE (AE6929)
Q1	TRANSISTOR NPN BC549 (AE0020)
Q1_0, Q1_1, Q1_2	TRANSISTOR PNP 2N4403 (AE0273)
R1, R2, R3, R4, R5, R6, R7, R14, R19, R20, R21, R22, R23, R25, R28, R29, R30, R31, R33, R36, R37, R38, R39, R40, R41, R42, R61	RESISTOR CARBON SMD0402 47R 1% (AC7281)
R1_2, R2_1, R4_0	RESISTOR CARBON SMD0805 68R 5% (AC4101)
R2_0, R2_2, R3_0, R3_1, R3_2, R4_1, R5_0, R5_1, R5_2, R6_0, R6_1, R6_2, R8_0, R8_1, R8_2, R9_0, R9_1, R9_2, R10_0, R10_1, R10_2, R11_0, R11_1, R11_2	RESISTOR CARBON SMD0402 49R9 1% (AC7357)
R7_0, R7_1, R7_2	RESISTOR CARBON SMD0805 2K0 5% (AC4694)
R8	RESISTOR CARBON SMD0402 22R 1% (AC7352)
R9, R10, R11, R12, R13, R15, R16, R17, R18, R24, R26, R27, R49, R50, R51, R52, R53, R54, R55, R56, R57, R58, R59, R60, R65, R66, R67	RESISTOR CARBON SMD0402 68R 1% (AC7354)
R12_0, R12_1, R12_2, R13_0, R13_1, R13_2, R14_0, R14_1, R14_2	RESISTOR METAL FILM SMD0805 75R 1% (AC5416)
R32, R34, R48	RESISTOR SMD NOT FITTED 0402
R35	RESISTOR CARBON SMD0805 220R 5% (AC0368)
R43, R113, R115	RESISTOR CARBON SMD0402 33R 1% (AC7353)
R44, R116, R117, R118	RESISTOR CARBON SMD0402 1K0 1% (AC7404)
R45, R68	RESISTOR CARBON SMD0402 4K7 1% (AC7358)

R46, R47, R111, R114	RESISTOR CARBON SMD0402 10K 1% (AC7359)
R69, 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, R112	RESISTOR METAL FILM SMD0805 560R 1% (AC3057)
R110	RESISTOR METAL FILM SMD0805 100K 1% (AC2843)
U1	IC SMD FPGA XC3S200A-4FTG256C ACE iGL RACK (AE7280)
U1_0, U1_1, 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)