

COMMENTS / NOTES

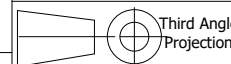
1. USE INSTRUCTION SHEET IN 91039 FOR ATTACHING DAK TO PXI CARD.
2. MATING ITA MODULE P/N 561896; 561897.
3. BAG AND TAG P/N 5510941, 440E9230, 5510991.
4. REFER TO NI PRODUCT MANUALS FOR PXIe2532B; TB-2644B AND THE NI SWITCH HELP WEB DOCUMENTATION FOR ADDITIONAL PRODUCT INFORMATION AND SUPPORT.



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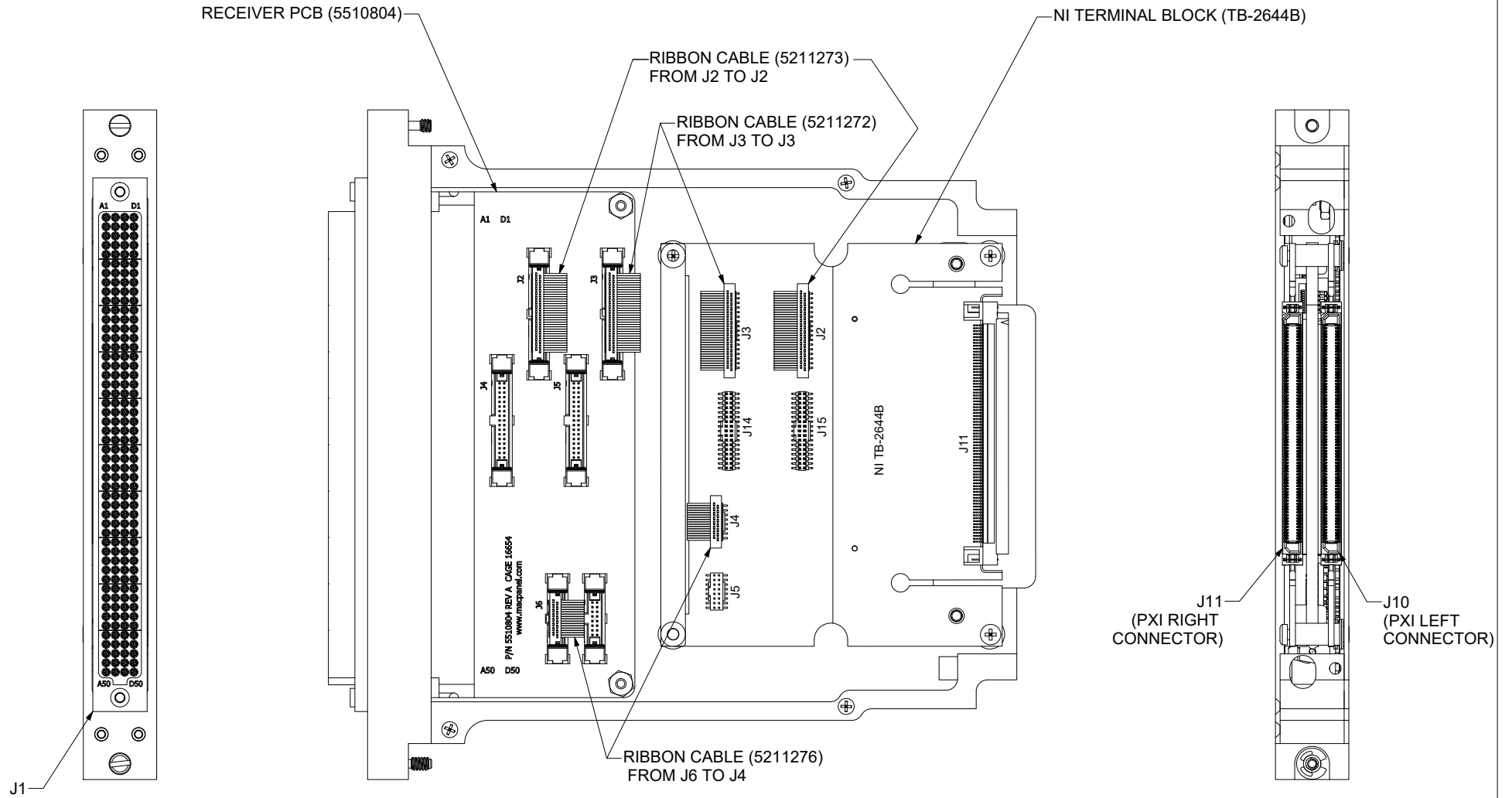
DATE  
9/29/2021



SHEET  
1 OF 4

DESCRIPTION  
**DAK,PCB,Ext,2532B,TB-2644B,8X32  
Matrix,1mm**

DRAWING NO. <b>CU-561823X1</b>	REVISION <b>B</b>
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COMMENTS / NOTES

1. TERMINAL BLOCK HEADER LOCATIONS ARE FOR VISUAL REPRESENTATION ONLY.  
REFER TO NI PRODUCT MANUAL FOR ADDITIONAL INFORMATION.



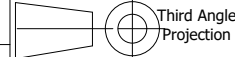
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DATE  
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DESCRIPTION

DAK,PCB,Ext,2532B,TB-2644B,8X32  
Matrix,1mm



SHEET  
2 OF 4

DRAWING NO.

CU-561823X1

REVISION

B

561823X1 WIRE LIST (1 OF 2)

RECEIVER MODULE	RECEIVER PCB HEADER	RIBBON CABLE RECEIVER END	RIBBON CABLE TERMINAL BLOCK END	TERMINAL BLOCK HEADER	TERMINAL BLOCK PXI INTERFACE CONNECTOR	SIGNAL	NOTES
J1-A1	J2-1	P1-1	P2-1	J2-1	J10-76; J10-94; J10-112; J10-130	C16+	B4C0, B5C0, B6C0, B7C0; RIBBON CABLE 5211273
J1-A2	J2-3	P1-3	P2-3	J2-3	J10-75; J10-93; J10-111; J10-129	C17+	B4C1, B5C1, B6C1, B7C1; RIBBON CABLE 5211273
J1-A3	J2-5	P1-5	P2-5	J2-5	J10-78; J10-96; J10-114; J10-132	C18+	B4C2, B5C2, B6C2, B7C2; RIBBON CABLE 5211273
J1-A4	J2-7	P1-7	P2-7	J2-7	J10-77; J10-95; J10-113; J10-131	C19+	B4C3, B5C3, B6C3, B7C3; RIBBON CABLE 5211273
J1-A5	J2-9	P1-9	P2-9	J2-9	J10-80; J10-98; J10-116; J10-134	C20+	B4C4, B5C4, B6C4, B7C4; RIBBON CABLE 5211273
J1-A6	J2-11	P1-11	P2-11	J2-11	J10-79; J10-97; J10-115; J10-133	C21+	B4C5, B5C5, B6C5, B7C5; RIBBON CABLE 5211273
J1-A7	J2-13	P1-13	P2-13	J2-13	J10-82; J10-100; J10-118; J10-136	C22+	B4C6, B5C6, B6C6, B7C6; RIBBON CABLE 5211273
J1-A8	J2-15	P1-15	P2-15	J2-15	J10-81; J10-99; J10-117; J10-135	C23+	B4C7, B5C7, B6C7, B7C7; RIBBON CABLE 5211273
J1-A9	J2-17	P1-17	P2-17	J2-17	J10-84; J10-102; J10-120; J10-138	C24+	B4C8, B5C8, B6C8, B7C8; RIBBON CABLE 5211273
J1-A10	J2-19	P1-19	P2-19	J2-19	J10-83; J10-101; J10-119; J10-137	C25+	B4C9, B5C9, B6C9, B7C9; RIBBON CABLE 5211273
J1-A11	J2-21	P1-21	P2-21	J2-21	J10-86; J10-104; J10-122; J10-140	C26+	B4C10, B5C10, B6C10, B7C10; RIBBON CABLE 5211273
J1-A12	J2-23	P1-23	P2-23	J2-23	J10-85; J10-103; J10-121; J10-139	C27+	B4C11, B5C11, B6C11, B7C11; RIBBON CABLE 5211273
J1-A13	J2-25	P1-25	P2-25	J2-25	J10-88; J10-106; J10-124; J10-142	C28+	B4C12, B5C12, B6C12, B7C12; RIBBON CABLE 5211273
J1-A14	J2-27	P1-27	P2-27	J2-27	J10-87; J10-105; J10-123; J10-141	C29+	B4C13, B5C13, B6C13, B7C13; RIBBON CABLE 5211273
J1-A15	J2-29	P1-29	P2-29	J2-29	J10-90; J10-108; J10-126; J10-144	C30+	B4C14, B5C14, B6C14, B7C14; RIBBON CABLE 5211273
J1-A16	J2-31	P1-31	P2-31	J2-31	J10-89; J10-107; J10-125; J10-143	C31+	B4C15, B5C15, B6C15, B7C15; RIBBON CABLE 5211273
J1-A17	J2-33	P1-33	P2-33	J2-33	-	NC	NO CONNECT; RIBBON CABLE 5211273
J1-A43	J6-1	P1-1	P2-1	J4-1	J10-2; J10-74	R0+	B0R0; B4R0; RIBBON CABLE 5211276
J1-A44	J6-3	P1-3	P2-3	J4-3	J10-1; J10-73	R1+	B0R1; B4R1; RIBBON CABLE 5211276
J1-A45	J6-5	P1-5	P2-5	J4-5	J10-20; J10-92	R2+	B1R0; B5R0; RIBBON CABLE 5211276
J1-A46	J6-7	P1-7	P2-7	J4-7	J10-19; J10-91	R3+	B0R1; B5R1; RIBBON CABLE 5211276
J1-A47	J6-9	P1-9	P2-9	J4-9	J10-38; J10-110	R4+	B2R0; B6R0; RIBBON CABLE 5211276
J1-A48	J6-11	P1-11	P2-11	J4-11	J10-37; J10-109	R5+	B2R1; B6R1; RIBBON CABLE 5211276
J1-A49	J6-13	P1-13	P2-13	J4-13	J10-56; J10-128	R6+	B3R0; B7R0; RIBBON CABLE 5211276
J1-A50	J6-15	P1-15	P2-15	J4-15	J10-55; J10-127	R7+	B3R1; B7R1; RIBBON CABLE 5211276
J1-B1	J2-2	P1-2	P2-2	J2-2	J11-76; J11-94; J11-112; J11-130	C16-	B12C0; B13C0; B14C0; B15C0; RIBBON CABLE 5211273
J1-B2	J2-4	P1-4	P2-4	J2-4	J11-75; J11-93; J11-111; J11-129	C17-	B12C1; B13C1; B14C1; B15C1; RIBBON CABLE 5211273
J1-B3	J2-6	P1-6	P2-6	J2-6	J11-78; J11-96; J11-114; J11-132	C18-	B12C2; B13C2; B14C2; B15C2; RIBBON CABLE 5211273
J1-B4	J2-8	P1-8	P2-8	J2-8	J11-77; J11-95; J11-113; J11-131	C19-	B12C3; B13C3; B14C3; B15C3; RIBBON CABLE 5211273
J1-B5	J2-10	P1-10	P2-10	J2-10	J11-80; J11-98; J11-116; J11-134	C20-	B12C4; B13C4; B14C4; B15C4; RIBBON CABLE 5211273
J1-B6	J2-12	P1-12	P2-12	J2-12	J11-79; J11-97; J11-115; J11-133	C21-	B12C5; B13C5; B14C5; B15C5; RIBBON CABLE 5211273
J1-B7	J2-14	P1-14	P2-14	J2-14	J11-82; J11-100; J11-118; J11-136	C22-	B12C6; B13C6; B14C6; B15C6; RIBBON CABLE 5211273
J1-B8	J2-16	P1-16	P2-16	J2-16	J11-81; J11-99; J11-117; J11-135	C23-	B12C7; B13C7; B14C7; B15C7; RIBBON CABLE 5211273
J1-B9	J2-18	P1-18	P2-18	J2-18	J11-84; J11-102; J11-120; J11-138	C24-	B12C8; B13C8; B14C8; B15C8; RIBBON CABLE 5211273
J1-B10	J2-20	P1-20	P2-20	J2-20	J11-83; J11-101; J11-119; J11-137	C25-	B12C9; B13C9; B14C9; B15C9; RIBBON CABLE 5211273
J1-B11	J2-22	P1-22	P2-22	J2-22	J11-86; J11-104; J11-122; J11-140	C26-	B12C10; B13C10; B14C10; B15C10; RIBBON CABLE 5211273
J1-B12	J2-24	P1-24	P2-24	J2-24	J11-85; J11-103; J11-121; J11-139	C27-	B12C11; B13C11; B14C11; B15C11; RIBBON CABLE 5211273
J1-B13	J2-26	P1-26	P2-26	J2-26	J11-88; J11-106; J11-124; J11-142	C28-	B12C12; B13C12; B14C12; B15C12; RIBBON CABLE 5211273
J1-B14	J2-28	P1-28	P2-28	J2-28	J11-87; J11-105; J11-123; J11-141	C29-	B12C13; B13C13; B14C13; B15C13; RIBBON CABLE 5211273
J1-B15	J2-30	P1-30	P2-30	J2-30	J11-90; J11-108; J11-126; J11-144	C30-	B12C14; B13C14; B14C14; B15C14; RIBBON CABLE 5211273
J1-B16	J2-32	P1-32	P2-32	J2-32	J11-89; J11-107; J11-125; J11-143	C31-	B12C15; B13C15; B14C15; B15C15; RIBBON CABLE 5211273
J1-B17	J2-34	P1-34	P2-34	J2-34	-	NC	NO CONNECT; RIBBON CABLE 5211273

COMMENTS / NOTES  
 1. RECEIVER PCB CONTAINS ADDITIONAL NETS NOT LISTED HERE AND ARE NOT REQUIRED FOR THE 8X32 SWITCH CONFIGURATION.  
 SEE CU-561823X1WL.xlsx.



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DATE  
9/29/2021

Third Angle Projection

SHEET  
3 OF 4

DESCRIPTION  
**DAK,PCB,Ext,2532B,TB-2644B,8X32 Matrix,1mm**

DRAWING NO.  
**CU-561823X1**

REVISION  
**B**

561823X1 WIRE LIST (2 OF 2)

RECEIVER MODULE	RECEIVER PCB HEADER	RIBBON CABLE RECEIVER END	RIBBON CABLE TERMINAL BLOCK END	TERMINAL BLOCK HEADER	TERMINAL BLOCK PXI INTERFACE CONNECTOR	SIGNAL	NOTES
J1-B43	J6-2	P1-2	P2-2	J4-2	J11-2; J11-74	R0-	B8R0; B12R0; RIBBON CABLE 5211276
J1-B44	J6-4	P1-4	P2-4	J4-4	J11-1; J11-73	R1-	B8R1; B12R1; RIBBON CABLE 5211276
J1-B45	J6-6	P1-6	P2-6	J4-6	J11-20; J11-92	R2-	B9R0; B13R0; RIBBON CABLE 5211276
J1-B46	J6-8	P1-8	P2-8	J4-8	J11-19; J11-91	R3-	B9R1; B13R1; RIBBON CABLE 5211276
J1-B47	J6-10	P1-10	P2-10	J4-10	J11-38; J11-110	R4-	B10R0; B14R0; RIBBON CABLE 5211276
J1-B48	J6-12	P1-12	P2-12	J4-12	J11-37; J11-109	R5-	B10R1; B14R1; RIBBON CABLE 5211276
J1-B49	J6-14	P1-14	P2-14	J4-14	J11-56; J11-128	R6-	B11R0; B15R0; RIBBON CABLE 5211276
J1-B50	J6-16	P1-16	P2-16	J4-16	J11-55; J11-127	R7-	B11R1; B15R1; RIBBON CABLE 5211276
J1-C1	J3-1	P1-1	P2-1	J3-1	J10-4; J10-22; J10-40; J10-58	C0+	B0C0; B1C0; B2C0; B3C0; RIBBON CABLE 5211272
J1-C2	J3-3	P1-3	P2-3	J3-3	J10-3; J10-21; J10-39; J10-57	C1+	B0C1; B1C1; B2C1; B3C1; RIBBON CABLE 5211272
J1-C3	J3-5	P1-5	P2-5	J3-5	J10-6; J10-24; J10-42; J10-60	C2+	B0C2; B1C2; B2C2; B3C2; RIBBON CABLE 5211272
J1-C4	J3-7	P1-7	P2-7	J3-7	J10-5; J10-23; J10-41; J10-59	C3+	B0C3; B1C3; B2C3; B3C3; RIBBON CABLE 5211272
J1-C5	J3-9	P1-9	P2-9	J3-9	J10-8; J10-26; J10-44; J10-62	C4+	B0C4; B1C4; B2C4; B3C4; RIBBON CABLE 5211272
J1-C6	J3-11	P1-11	P2-11	J3-11	J10-7; J10-25; J10-43; J10-61	C5+	B0C5; B1C5; B2C5; B3C5; RIBBON CABLE 5211272
J1-C7	J3-13	P1-13	P2-13	J3-13	J10-10; J10-28; J10-46; J10-64	C6+	B0C6; B1C6; B2C6; B3C6; RIBBON CABLE 5211272
J1-C8	J3-15	P1-15	P2-15	J3-15	J10-9; J10-27; J10-45; J10-63	C7+	B0C7; B1C7; B2C7; B3C7; RIBBON CABLE 5211272
J1-C9	J3-17	P1-17	P2-17	J3-17	J10-12; J10-30; J10-48; J10-66	C8+	B0C8; B1C8; B2C8; B3C8; RIBBON CABLE 5211272
J1-C10	J3-19	P1-19	P2-19	J3-19	J10-11; J10-29; J10-47; J10-65	C9+	B0C9; B1C9; B2C9; B3C9; RIBBON CABLE 5211272
J1-C11	J3-21	P1-21	P2-21	J3-21	J10-14; J10-32; J10-50; J10-68	C10+	B0C10; B1C10; B2C10; B3C10; RIBBON CABLE 5211272
J1-C12	J3-23	P1-23	P2-23	J3-23	J10-13; J10-31; J10-49; J10-67	C11+	B0C11; B1C11; B2C11; B3C11; RIBBON CABLE 5211272
J1-C13	J3-25	P1-25	P2-25	J3-25	J10-16; J10-34; J10-52; J10-70	C12+	B0C12; B1C12; B2C12; B3C12; RIBBON CABLE 5211272
J1-C14	J3-27	P1-27	P2-27	J3-27	J10-15; J10-33; J10-51; J10-69	C13+	B0C13; B1C13; B2C13; B3C13; RIBBON CABLE 5211272
J1-C15	J3-29	P1-29	P2-29	J3-29	J10-18; J10-36; J10-54; J10-72	C14+	B0C14; B1C14; B2C14; B3C14; RIBBON CABLE 5211272
J1-C16	J3-31	P1-31	P2-31	J3-31	J10-17; J10-35; J10-53; J10-71	C15+	B0C15; B1C15; B2C15; B3C15; RIBBON CABLE 5211272
J1-C17	J3-33	P1-33	P2-33	J3-33	-	NC	NO CONNECT; RIBBON CABLE 5211272
J1-D1	J3-2	P1-2	P2-2	J3-2	J11-4; J11-22; J11-40; J11-58	C0-	B8C0; B9C0; B10C0; B11C0; RIBBON CABLE 5211272
J1-D2	J3-4	P1-4	P2-4	J3-4	J11-3; J11-21; J11-39; J11-57	C1-	B8C1; B9C1; B10C1; B11C1; RIBBON CABLE 5211272
J1-D3	J3-6	P1-6	P2-6	J3-6	J11-6; J11-24; J11-42; J11-60	C2-	B8C2; B9C2; B10C2; B11C2; RIBBON CABLE 5211272
J1-D4	J3-8	P1-8	P2-8	J3-8	J11-5; J11-23; J11-41; J11-59	C3-	B8C3; B9C3; B10C3; B11C3; RIBBON CABLE 5211272
J1-D5	J3-10	P1-10	P2-10	J3-10	J11-8; J11-26; J11-44; J11-62	C4-	B8C4; B9C4; B10C4; B11C4; RIBBON CABLE 5211272
J1-D6	J3-12	P1-12	P2-12	J3-12	J11-7; J11-25; J11-43; J11-61	C5-	B8C5; B9C5; B10C5; B11C5; RIBBON CABLE 5211272
J1-D7	J3-14	P1-14	P2-14	J3-14	J11-10; J11-28; J11-46; J11-64	C6-	B8C6; B9C6; B10C6; B11C6; RIBBON CABLE 5211272
J1-D8	J3-16	P1-16	P2-16	J3-16	J11-9; J11-27; J11-45; J11-63	C7-	B8C7; B9C7; B10C7; B11C7; RIBBON CABLE 5211272
J1-D9	J3-18	P1-18	P2-18	J3-18	J11-12; J11-30; J11-48; J11-62	C8-	B8C8; B9C8; B10C8; B11C8; RIBBON CABLE 5211272
J1-D10	J3-20	P1-20	P2-20	J3-20	J11-11; J11-29; J11-47; J11-61	C9-	B8C9; B9C9; B10C9; B11C9; RIBBON CABLE 5211272
J1-D11	J3-22	P1-22	P2-22	J3-22	J11-14; J11-32; J11-50; J11-64	C10-	B8C10; B9C10; B10C10; B11C10; RIBBON CABLE 5211272
J1-D12	J3-24	P1-24	P2-24	J3-24	J11-13; J11-31; J11-49; J11-63	C11-	B8C11; B9C11; B10C11; B11C11; RIBBON CABLE 5211272
J1-D13	J3-26	P1-26	P2-26	J3-26	J11-16; J11-34; J11-52; J11-66	C12-	B8C12; B9C12; B10C12; B11C12; RIBBON CABLE 5211272
J1-D14	J3-28	P1-28	P2-28	J3-28	J11-15; J11-33; J11-51; J11-65	C13-	B8C13; B9C13; B10C13; B11C13; RIBBON CABLE 5211272
J1-D15	J3-30	P1-30	P2-30	J3-30	J11-18; J11-36; J11-54; J11-68	C14-	B8C14; B9C14; B10C14; B11C14; RIBBON CABLE 5211272
J1-D16	J3-32	P1-32	P2-32	J3-32	J11-17; J11-35; J11-53; J11-67	C15-	B8C15; B9C15; B10C15; B11C15; RIBBON CABLE 5211272
J1-D17	J3-34	P1-34	P2-34	J3-34	-	NC	NO CONNECT; RIBBON CABLE 5211272

COMMENTS / NOTES

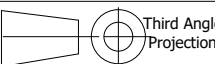
1. RECEIVER PCB CONTAINS ADDITIONAL NETS NOT LISTED HERE AND ARE NOT REQUIRED FOR THE 8X32 SWITCH CONFIGURATION. SEE CU-561823X1WL.xlsx.



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Third Angle Projection

SHEET  
4 OF 4

DESCRIPTION  
DAK,PCB,Ext,2532B,TB-2644B,8X32 Matrix,1mm

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REVISION  
B