

1	GND
2	+12V
3	+12V
4	GND
5	GND
6	+3.3V
7	+3.3V
8	GND
9	SNCLK
10	SNCLK
11	SNCLK
12	GND
13	GND
14	JTAG1
15	JTAG5
16	GND
17	GND
18	WAKE#
19	CLKREQ#
20	GND
21	GND
22	PER0
23	GND
24	GND

1	GND
2	+12V
3	+12V
4	GND
5	GND
6	+3.3V
7	3VAUX
8	GND
9	SNCLK
10	JTAG3
11	JTAG3
12	GND
13	GND
14	JTAG4
15	RSVD_A19
16	GND
17	GND
18	REFCLK+
19	REFCLK+
20	GND
21	GND
22	PER0
23	GND
24	GND

5	GND
6	PER1
7	GND
8	GND
9	GND
10	PER2
11	PER2
12	GND
13	GND
14	PER3
15	PER3
16	GND
17	GND
18	RSVD_B30
19	RSVD_A32
20	GND
21	GND
22	PRSN1#
23	GND
24	GND

5	GND
6	PRSN2#
7	RSVD_A19
8	GND
9	GND
10	PER1
11	PER1
12	GND
13	GND
14	PER2
15	PER2
16	GND
17	PER3
18	PER3
19	GND
20	GND
21	PRSN3#
22	GND
23	GND
24	GND

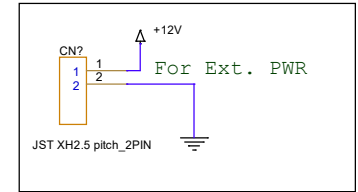
+12V	B1	+12V	PRSN1#	A1	PRSN1#
+12V	B2	+12V	+12V	A2	+12V
+12V	B3	+12V	GND	A3	+12V
GND	B4	GND	GND	A4	JTAG2
SNCLK	B5	SNCLK	JTAG2	A5	JTAG2
SNDAT	B6	SNDAT	JTAG3	A6	JTAG3
GND	B7	GND	JTAG4	A7	JTAG4
+3.3V	B8	+3.3V	JTAG5	A8	JTAG5
JTAG1	B9	JTAG1	+3.3V	A9	+3.3V
3.3VAUX	B10	3.3VAUX	PERST#	A10	PERST#
WAKE#	B11	WAKE#	PERST#	A11	PERST#
CLKREQ#	B12	CLKREQ#	RSVD (CLKRUN#)	A12	GND
GND	B13	GND	REFCLK+	A13	REFCLK+
PER0	B14	PER0	REFCLK-	A14	REFCLK-
GND	B15	GND	GND	A15	GND
PRSN2#	B16	PRSN2#	PER0	A16	PER0
PER1	B17	GND	PER0	A17	PER0
PER1	B18	PRSN2#	PER0	A18	GND
PER1	B19	PER1	RSVD	A19	RSVD_A19
GND	B20	PER1	GND	A20	GND
GND	B21	GND	PER1	A21	PER1
GND	B22	GND	PER1	A22	PER1
PER2	B23	GND	GND	A23	GND
PER2	B24	PER2	GND	A24	GND
GND	B25	GND	PER2	A25	PER2
GND	B26	GND	PER2	A26	PER2
PER3	B27	PER3	GND	A27	GND
GND	B28	GND	PER3	A28	GND
RSVD_B30	B29	RSVD_B30	PER3	A29	PER3
PRSN3#	B30	PRSN3#	PER3	A30	PER3
GND	B31	GND	PER3	A31	GND
GND	B32	GND	RSVD	A32	RSVD_A32

CN?
PCIe-X4-connector

Rivision History

Date	Version	Description
20230419	1.0	First Release

K2B



GND	1	1
+12V	2	+12V
+12V	3	+12V
GND	4	GND
GND	5	GND
+3.3V	6	+3.3V
+3.3V	7	+3.3V
GND	8	GND
SNCLK	9	SNCLK
SNDAT	10	SNDAT
GND	11	GND
GND	12	GND
JTAG1	13	JTAG1
JTAG5	14	JTAG5
GND	15	GND
GND	16	GND
WAKE#	17	WAKE#
CLKREQ#	18	CLKREQ#
GND	19	GND
GND	20	GND
PER0	21	PER0
PER0	22	PER0
GND	23	GND
GND	24	GND

GND	5	5
PER1	6	PER1
GND	7	GND
GND	8	GND
GND	9	GND
PER2	10	PER2
PER2	11	PER2
GND	12	GND
GND	13	GND
PER3	14	PER3
PER3	15	PER3
GND	16	GND
RSVD_B30	17	RSVD_B30
RSVD_A32	18	RSVD_A32
GND	19	GND
GND	20	GND
PRSN1#	21	PRSN1#
GND	22	GND
GND	23	GND
GND	24	GND

+12V	B1	+12V	PRSN1#	A1	GND
+12V	B2	+12V	+12V	A2	+12V
GND	B3	+12V	GND	A3	+12V
SNCLK	B4	GND	JTAG2	A4	JTAG2
SNDAT	B5	SNCLK	JTAG2	A5	JTAG2
GND	B6	SNDAT	JTAG3	A6	JTAG3
+3.3V	B7	GND	JTAG4	A7	JTAG4
JTAG1	B8	GND	JTAG5	A8	JTAG5
3.3VAUX	B9	JTAG1	+3.3V	A9	+3.3V
WAKE#	B10	JTAG1	+3.3V	A10	+3.3V
CLKREQ#	B11	WAKE#	PERST#	A11	PERST#
CLKREQ#	B12	CLKREQ#	RSVD (CLKRUN#)	A12	GND
GND	B13	GND	REFCLK+	A13	REFCLK+
PER0	B14	PER0	REFCLK-	A14	REFCLK-
GND	B15	GND	GND	A15	GND
PRSN2#	B16	PRSN2#	PER0	A16	PER0
PER1	B17	GND	PER0	A17	PER0
PER1	B18	GND	PER0	A18	GND
PER1	B19	GND	RSVD	A19	RSVD_A19
GND	B20	PER1	GND	A20	GND
GND	B21	PER1	PER1	A21	PER1
GND	B22	GND	PER1	A22	PER1
PER2	B23	GND	GND	A23	GND
PER2	B24	PER2	GND	A24	GND
GND	B25	GND	PER2	A25	PER2
GND	B26	GND	PER2	A26	PER2
PER3	B27	PER3	GND	A27	GND
GND	B28	GND	PER3	A28	GND
RSVD_B30	B29	RSVD_B30	PER3	A29	PER3
PRSN3#	B30	PRSN3#	PER3	A30	PER3
GND	B31	GND	PER3	A31	GND
GND	B32	GND	RSVD	A32	RSVD_A32

CN?
PCIe-X4-finger

PCB Model Name: K2A

K2A