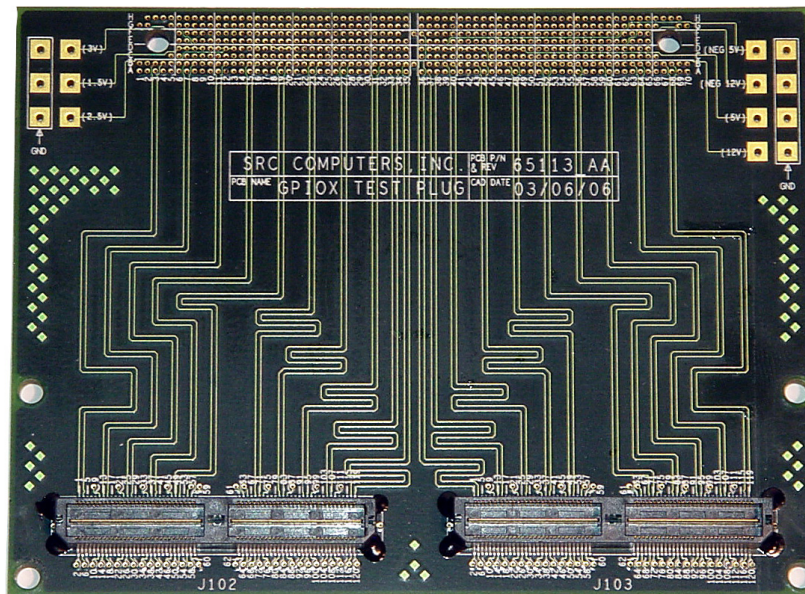


IOX Card

The SRC® IOX card is a GPIOX card that connects all of the GPIOX signals to two connectors. The GPIOX “A” signals are routed to connector J102, and the GPIOX “B” signals are routed to connector J103. Three voltages (+5V, -5V and +12V) are routed to the connectors J102 and J103.

- 2 Samtec 120 pin connectors (QTH-060-01-L-D-LC) (J102 and J103)
- 48 data pairs per connector (positive and negative) or;
96 single-ended data per connector (J102 and J103)
- 1 clock pair per connector (positive and negative) or;
2 single-ended clocks per connector (J102 and J103)
- +5V, -5V & +12V per connector (J102 and J103)



| CONNECTOR/ PIN# | GPIOX SIGNAL/ PIN# | CONNECTOR/ PIN# | GPIOX SIGNAL/ PIN# | CONNECTOR/ PIN# | GPIOX SIGNAL/ PIN# | CONNECTOR/ PIN# | GPIOX SIGNAL/ PIN# |
|--------------------|-----------------------|--------------------|-----------------------|--------------------|-----------------------|--------------------|-----------------------|
| J102/07 | A00P/A1 | J102/08 | A26P/E9 | J103/111 | B00P/A69 | J103/100 | B26P/E57 |
| J102/09 | A00N/A2 | J102/10 | A26N/E10 | J103/113 | B00N/A70 | J103/102 | B26N/E58 |
| J102/19 | A01P/A5 | J102/20 | A27P/E13 | J103/99 | B01P/A65 | J103/76 | B27P/E53 |
| J102/21 | A01N/A6 | J102/22 | A27N/E14 | J103/101 | B01N/A66 | J103/78 | B27N/E54 |
| J102/31 | A02P/A9 | J102/44 | A28P/E17 | J103/87 | B02P/A61 | J103/64 | B28P/E49 |
| J102/33 | A02N/A10 | J102/46 | A28N/E18 | J103/89 | B02N/A62 | J103/66 | B28N/E50 |
| J102/43 | A03P/A13 | J102/64 | A29P/E21 | J103/75 | B03P/A57 | J103/44 | B29P/E45 |
| J102/45 | A03N/A14 | J102/66 | A29N/E22 | J103/77 | B03N/A58 | J103/46 | B29N/E46 |
| J102/75 | A04P/A17 | J102/76 | A30P/E25 | J103/43 | B04P/A53 | J103/20 | B30P/E41 |
| J102/77 | A04N/A18 | J102/78 | A30N/E26 | J103/45 | B04N/A54 | J103/22 | B30N/E42 |
| J102/87 | A05P/A21 | J102/100 | A31P/E29 | J103/31 | B05P/A49 | J103/08 | B31P/E37 |
| J102/89 | A05N/A22 | J102/102 | A31N/E30 | J103/33 | B05N/A50 | J103/10 | B31N/E38 |
| J102/99 | A06P/A25 | J102/112 | A32P/E33 | J103/19 | B06P/A45 | J103/103 | B32P/F63 |
| J102/101 | A06N/A26 | J102/114 | A32N/E34 | J103/21 | B06N/A46 | J103/104 | B32N/F64 |
| J102/111 | A07P/A29 | J102/17 | A33P/F7 | J103/07 | B07P/A41 | J103/79 | B33P/F59 |
| J102/113 | A07N/A30 | J102/18 | A33N/F8 | J103/09 | B07N/A42 | J103/80 | B33N/F60 |
| J102/105 | A08P/A33 | J102/41 | A34P/F11 | J103/13 | B08P/A37 | J103/82 | B34P/F55 |
| J102/107 | A08N/A34 | J102/42 | A34N/F12 | J103/15 | B08N/A38 | J103/84 | B34N/F56 |
| J102/01 | A09P/B3 | J102/38 | A35P/F15 | J103/117 | B09P/B67 | J103/56 | B35P/F51 |
| J102/03 | A09N/B4 | J102/40 | A35N/F16 | J103/119 | B09N/B68 | J103/58 | B35N/F52 |
| J102/13 | A10P/B7 | J102/56 | A36P/F19 | J103/105 | B10P/B63 | J103/38 | B36P/F47 |
| J102/15 | A10N/B8 | J102/58 | A36N/F20 | J103/107 | B10N/B64 | J103/40 | B36N/F48 |
| J102/25 | A11P/B11 | J102/82 | A37P/F23 | J103/93 | B11P/B59 | J103/41 | B37P/F43 |
| J102/27 | A11N/B12 | J102/84 | A37N/F24 | J103/95 | B11N/B60 | J103/42 | B37N/F44 |
| J102/37 | A12P/B15 | J102/79 | A38P/F27 | J103/81 | B12P/B55 | J103/17 | B38P/F39 |
| J102/39 | A12N/B16 | J102/80 | A38N/F28 | J103/83 | B12N/B56 | J103/18 | B38N/F40 |
| J102/49 | A13P/B19 | J102/103 | A39P/F31 | J103/69 | B13P/B51 | J103/01 | B39P/F35 |
| J102/51 | A13N/B20 | J102/104 | A39N/F32 | J103/71 | B13N/B52 | J103/03 | B39N/F36 |
| J102/69 | A14P/B23 | J102/05 | A40P/G5 | J103/49 | B14P/B47 | J103/115 | B40P/G65 |
| J102/71 | A14N/B24 | J102/06 | A40N/G6 | J103/51 | B14N/B48 | J103/116 | B40N/G66 |
| J102/81 | A15P/B27 | J102/29 | A41P/G9 | J103/37 | B15P/B43 | J103/91 | B41P/G61 |
| J102/83 | A15N/B28 | J102/30 | A41N/G10 | J103/39 | B15N/B44 | J103/92 | B41N/G62 |
| J102/93 | A16P/B31 | J102/53 | A42P/G13 | J103/25 | B16P/B39 | J103/67 | B42P/G57 |
| J102/95 | A16N/B32 | J102/54 | A42N/G14 | J103/27 | B16N/B40 | J103/68 | B42N/G58 |
| J102/117 | A17P/B35 | J102/50 | A43P/G17 | J103/118 | B17P/B65 | J103/70 | B43P/G53 |
| J102/119 | A17N/B36 | J102/52 | A43N/G18 | J103/120 | B17N/B66 | J103/72 | B43N/G54 |
| J102/02 | A18P/C5 | J102/70 | A44P/G21 | J103/106 | B18P/C61 | J103/50 | B44P/G49 |
| J102/04 | A18N/C6 | J102/72 | A44N/G22 | J103/108 | B18N/C62 | J103/52 | B44N/G50 |
| J102/14 | A19P/C9 | J102/67 | A45P/G25 | J103/88 | B19P/C57 | J103/53 | B45P/G45 |
| J10216 | A19N/C10 | J102/68 | A45N/G26 | J103/90 | B19N/C58 | J103/54 | B45N/G46 |
| J102/32 | A20P/C13 | J102/91 | A46P/G29 | J103/94 | B20P/C53 | J103/29 | B46P/G41 |
| J102/34 | A20N/C14 | J102/92 | A46N/G30 | J103/96 | B20N/C54 | J103/30 | B46N/G42 |
| J102/26 | A21P/C17 | J102/115 | A47P/G33 | J103/26 | B21P/C49 | J103/05 | B47P/G37 |
| J102/28 | A21N/C18 | J102/116 | A47N/G34 | J103/28 | B21N/C50 | J103/06 | B47N/G38 |
| J102/94 | A22P/C21 | J102/63 | CLKAP/G1 | J103/32 | B22P/C45 | J103/63 | CLKBP/G69 |
| J102/96 | A22N/C22 | J102/65 | CLKAN/G2 | J103/34 | B22N/C46 | J103/65 | CLKBN/G70 |
| J102/88 | A23P/C25 | 12V/60 | | J103/14 | B23P/C41 | 12V/60 | |
| J102/90 | A23N/C26 | 5V/61 | | J103/16 | B23N/C42 | 5V/61 | |
| J102/106 | A24P/C29 | NEG 5V/59 | | J103/02 | B24P/C37 | NEG 5V/59 | |
| J102/108 | A24N/C30 | GND/62 | | J103/04 | B24N/C38 | GND/62 | |
| J102/118 | A25P/C33 | | | J103/112 | B25P/E61 | | |
| J102/120 | A25N/C34 | | | J103/114 | B25N/E62 | | |