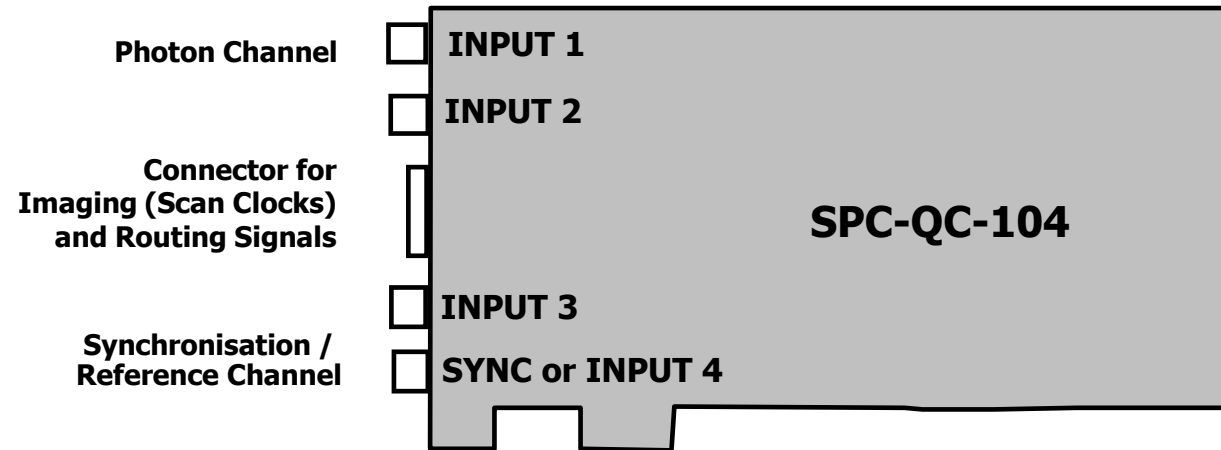
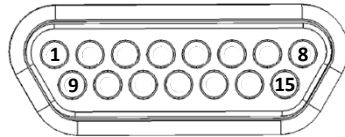


## SPC-QC-104



### Photon Channel (INPUT 1-4<sup>(1)</sup>)

#### SMA Connector:

- Optimum Input Voltage Range: -30 mV to -500 mV
- Min. Input Pulse Width: 200 ps
- Event Rate: Up to 120 MHz

(1) Input 4 is Available in absolute Time Mode

### Connectors for Imaging (Scan Clocks) and Routing Signals

#### Pin Out Micro Sub-D Connector (15 Pin):

- 1: +5 V (max. 100 mA)
- 2: Routing Signal, /R0
- 3: Routing Signal, /R1
- 4: Routing Signal, /R2
- 5: Ground
- 6: -5 V (max. 100 mA)
- 7: Routing Signal, /R3
- 8: YSYNC <sup>(2)</sup> or Routing Signal, /R4, or Marker 2 <sup>(3)</sup>
- 9: XSYNC <sup>(2)</sup> or Routing Signal, /R5, or Marker 1 <sup>(3)</sup>
- 10: ADD, or Marker 3 <sup>(2,3)</sup>
- 11: +12 V (max. 60 mA)
- 12: PxCIk <sup>(2)</sup>, or Routing Signal, /R6, or Marker 0 <sup>(3)</sup>
- 13: TRIGGER <sup>(4)</sup>, or Routing Signal, /R7
- 14: CNTE
- 15: Ground

### Synchronisation / Reference Channel (SYNC)

#### SMA Connector:

- Optimum Input Voltage Range: -30 mV to -500 mV
- Min. Input Pulse Width: 200 ps
- Frequency Range: 0 ... 120 MHz
- Frequency Divider: 1 - 2 - 4

(2) FIFO Imaging Mode

(3) FIFO Mode

(4) If „Trigger Condition“ other than „None“