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# PCI Pulse Signal

x PCI Pulse Type

## I/O Signals

- **Input/Output Signals** for each axis
- All I/O signal are optically isolated with 2500Vrms isolation voltage
- **Command pulse output pins** : OUT and DIR.
- **Incremental encoder signals input pins** : EA and EB
- **Encoder index signal input pin** : EZ
- **Mechanical limit/switch signal input pins** :  $\pm$ EL, SD/PCS and ORG
- **Servomotor interface I/O pins** : SVON, RDY, INP, ALM and ERC
- **Position latch input pin** : LTC
- **Position compare output pin** : CMP
- **Pulsar signal input pin** : PA and PB
- Simultaneous Start/Stop signal I/O pins: STA and STP

## Digital Input

- Optical Isolated Input
- Opto-isolator : TLP280-4
- Input Range : 5 to 24VDC
- Isolation : 1000V Channel to Channel
- Low Voltage Level : 0V ~ 1.5V
- High Voltage Level : 5V ~ 24V
- Input Impedance : 3.6 K $\Omega$
- COMI-LX534                      Digital Input                      COMI-TM402 (32 DO), COMI-TM403 (32 DI), COMI-TM404 (16/16 DI/O)

## Digital Output

- Optical Isolated Output
- Output Type : Darlington TR with common ground
- Output Device : ULN2803A
- Output voltage : 5V ~ 35V
- Sink Current : Max 500 mA/Channel
- Isolation Voltage : 2500 Vrms
- Throughput : 10 KHz (0.1ms)
- Response Time : 20  $\mu$ s
- COMI-LX534                      Digital Output                      COMI-TM402 (32 DO), COMI-TM403 (32 DI), COMI-TM404 (16/16 DI/O)

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