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WE BUY USED EQUIPMENT

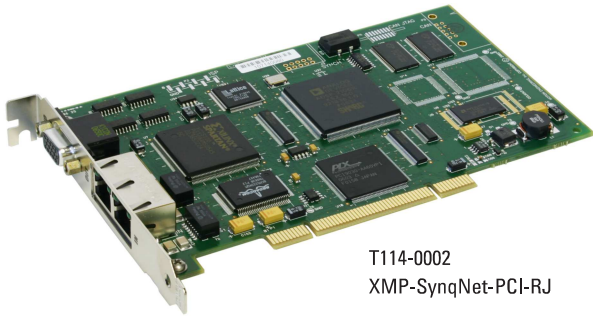
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XMP-SynqNet-PCI



T114-0002
XMP-SynqNet-PCI-RJ

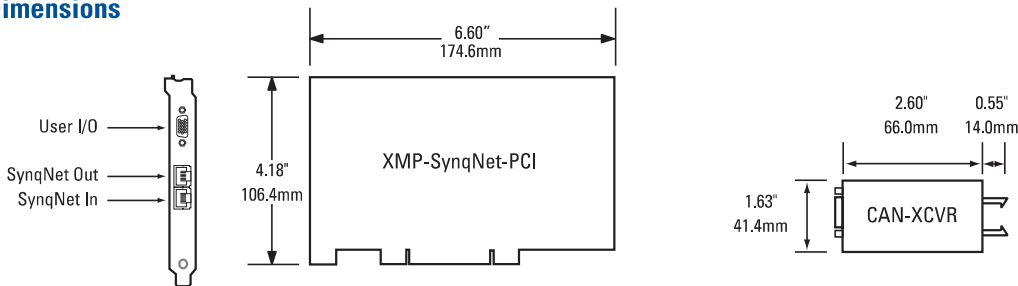
Specifications

Function	Parameter	Specification
Processor	DSP	Analog Devices SHARC 64-bit floating point 40 MHz / 150 MFLOPS
	Servo Loop	Update Rate 4 Axes Update Rate 8 Axes Update Rate
Board Interface	Connectors	SynqNet Interface: RJ45 User I/O: Standard DE (15-pin)
	Form Factor	Half-Size PCI Slot
	Host Bus	32-bit Universal PCI
	PCI Bus Speed	33 MHz
	Memory Interface	32-bit direct memory map
	Power	5V @ 2.0A
User I/O	Lines	6 bi-directional I/O, 1 ESTOP Input
CAN Network User I/O (optional)	Protocol	CANopen - DS401
Kinematic Ranges	Position, Velocity, Acceleration, Jerk	32-bit floating point
Environment	Operating Temperature	0 - 50° C
	Storage Temperature	0 - 50° C
	Humidity	20 - 90% RH, non-condensing

Part Number	Description
T114-0001*	XMP-SynqNet-PCI-RJ-CAN
T114-0002	XMP-SynqNet-PCI-RJ
T114-0003**	XMP-SynqNet-PCI-RJ-CAN, Non Opto-Isolated
A088-0001	CAN-XCVR, D9, Opto-Isolated
A088-0002	CAN-XCVR-D9, Non Opto-Isolated

* includes the A088-0001
** includes the A088-0002

Dimensions



Pinouts and Connector Information

User I/O Connector

Female High Density D-15

User I/O Mating Connector

Male High Density D-15

User I/O Connector	Pin	Signal	Type
	1	OPTO_A	(OUT)
	2	OPTO_B_RTN	(OUT)
	3	OPTO_D	(IN)
	4	OPTO_E_RTN	(IN)
	5	XESTOP	
	6	A_RTN	(OUT)
	7	OPTO_C	(OUT)
	8	OPTO_D_RTN	(IN)
	9	OPTO_F	(IN)
	10	XESTOP_RTN	
	11	OPTO_B	(OUT)
	12	OPTO_C_RTN	(OUT)
	13	OPTO_E	(IN)
	14	OPTO_F_RTN	(IN)
	15	GND	

RJ45 SynqNet Connector

AMP Connectors
Mfg P/N 1116353-1

RJ45 Mating Connector

AMP Connectors
Mfg P/N 5-557315
Shielded RJ45 recommended

For more information:
www.amp.com

SynqNet IN	Pin	Signal
	1	Transmit +
	2	Transmit -
	3	Receive +
	4	Unused 1+
	5	Unused 1-
	6	Receive -
	7	Unused 2+
	8	Unused 2-

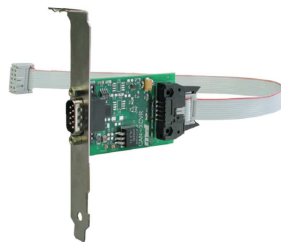
SynqNet OUT	Pin	Signal
	1	Receive +
	2	Receive -
	3	Transmit +
	4	Unused 1+
	5	Unused 1-
	6	Transmit -
	7	Unused 2+
	8	Unused 2-

CANopen Option

Breakout CAN Transceiver

A088-0001 opto-isolated
(for use with T114-0001)

A088-0002 non opto-isolated
(for use with T114-0003)



CANopen Connector

(Optional)

CAN Connector	Pin	Signal
	1	-
	2	CAN_L
	3	CAN_GND
	4	-
	5	(CAN_SHLD)
	6	CAN_GND
	7	CAN_H
	8	-
	9	CAN_V+

* Used with opto-isolation mode



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