

SIMATIC S5 CP 1430 TF

Product Data Sheet

6GK1143-0TA02

Industrial Ethernet communication processor

ETHERNET LINK RATE	PROCESSOR	ETHERNET CONTROLLER	PG COMMUNICATION
10 Mbit/s	80386 SX, 20 MHz	82596 SX, 20 MHz	AS511 TTY, 9600 bit/s

Siemens 6GK1143-0TA02 is the basic CP 1430 TF communications processor in the SIMATIC S5 networking range. It connects supported S5 controllers to Industrial Ethernet for configured controller-to-controller and supervisory data exchange.

01 VERIFIED TECHNICAL DATA

Ethernet link rate	10 Mbit/s
Processor	80386 SX, 20 MHz
Ethernet controller	82596 SX, 20 MHz
PG communication	AS511 TTY, 9600 bit/s
PG connector	15-pin D-sub, screw securing
Network connector	15-pin D-sub AUI/TP
5 V supply tolerance	±5%
5 V current consumption	2.7 A maximum
24 V current consumption	70 mA maximum
Battery backup current	20 microA typical, 110 microA maximum

ADDITIONAL PRODUCT DATA

Basic-version DRAM	512 KB
CPU interface dual-port RAM	4 KB
Configuration storage	32 KB internal
Operating temperature	0 to +60 deg C without fan
Protection degree	IP00

DOCUMENTED USE SETTINGS

Industrial Manufacturing and Production Automation: Discrete Manufacturing Process Automation.

Chemical Manufacturing and Process Production: Industrial Chemical Process Production.

Water Treatment and Wastewater Processing: Municipal Drinking Water Treatment.

SYSTEM COMPATIBILITY

Siemens 6GK1143-0TA02 is the basic CP 1430 TF communications processor in the SIMATIC S5 networking range. It connects supported S5 controllers to Industrial Ethernet for configured controller-to-controller and supervisory data exchange.

PRODUCT EVIDENCE

Siemens SIMATIC S5 CP 1430 TF technical documentation