MARK VIE

Product Data Sheet

IS220UCSAH1A

Standalone turbine control processor

PROCESSOR CLOCK	PROCESSOR FAMILY	WORKING MEMORY	SUPPLY OPERATING RANGE
667 MHz	**Freescale PowerQUICC II Pro**	**256 MB DDR SDRAM**	**18 to 32 V DC**

General Electric IS220UCSAH1A is a UCSA standalone controller in the Mark VIe platform for executing configured turbine and plant-control applications. Its PowerQUICC II Pro processor and Ethernet interfaces support control projects for electricity generation, gas compression and other documented turbine-driven industrial processes.

01 VERIFIED TECHNICAL DATA

Processor clock	667 MHz
Processor family	Freescale PowerQUICC II Pro
Working memory	256 MB DDR SDRAM
Supply operating range	18 to 32 V DC
Hazardous-location supply rating	27.4 to 28.6 V DC; 28.0 V DC nominal
Maximum rated supply current	0.62 A DC, HazLoc rating
Primary Ethernet ports	2
IONet ports	3
Ethernet line rate	10/100 Mbps
Ethernet connectors	RJ45

Technical values follow the exact manufacturer document identified on page 2.

02 ADDITIONAL PRODUCT DATA

Operating system	QNX Neutrino
Serial setup interface	1 RS-232C port
Internal regulated supply	5 V DC
Ambient enclosure design rating	0 to 65 deg C
Available CompactFlash capacities	128 MB / 2 GB, application dependent

03 DOCUMENTED USE SETTINGS

Electric Power Generation and Turbine Energy Production: Gas Turbine Power Generation.

Natural Gas Processing and Pipeline Gas Transportation: Natural Gas Compression.

Hydroelectric Power Generation and Renewable Energy Production: Hydroelectric Power Generation.

04 SYSTEM COMPATIBILITY

General Electric IS220UCSAH1A is a UCSA standalone controller in the Mark VIe platform for executing configured turbine and plant-control applications. Its PowerQUICC II Pro processor and Ethernet interfaces support control projects for electricity generation, gas compression and other documented turbine-driven industrial processes.

05 OFFICIAL SOURCE

GE GEH-6721_Vol_II_BN, UCSA controller section

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN **AMIKONG.COM**