Interface Converter

RS-232C/GP-IB Converter

ZS-6143AF / ZS-6144AF

The ZS-6143AF makes it possible to use a computer with an RS-232C interface as GP-IB controller. The ZS-6144AF makes it possible to use RS-232C interface equipment as GP-IB device.

ZS-6143AF / ZS-6144AF Back View

RS-232C/GP-IB Controller
ZS-6143AF

- *It is possible to use a computer with an RS-232C interface as GP-IB controller.*
- *Bidirectional internal buffer memory is built in each 16 Kbytes(32 Kbytes in total).*
- *There are 23 kinds of commands that are simple and easy to use.*
- *It corresponds to SRQ signal of GP-IB.*
- *Measurement syatem can be constructed with laptop computer, PLC, etc.*
- *Compliant with RoHS*

GP-IB function

ZS-6143AF
SH1,AH1,T5,L3,SR1,RL1,PP0,DC1,DT1, C1,C2,C3,C4,C27
ZS-6144AF
SH1,AH1,T5,L3,SR1,RL0,PP0,DC0,DT0,C0

Please download the User's manual from our website.
http://www.zenisu.co.jp

GP-IB/RS-232C Converter
ZS-6144AF

- *It is possible to be easily incorporated equipment with RS-232C interface into the GP-IB system.*
- *Bidirectional internal buffer memory is built in each 16 Kbytes(32 Kbytes in total).*
- *It generates SRQ signal by communication error of RS-232C.*
- *Compliant with RoHS*

Common Specification

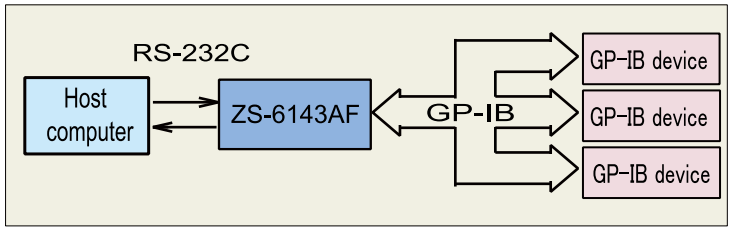
Communication:	Asynchronous full duplex
Baud rate(bps):	2,400, 4,800, 9,600,19,200, 28,800, 38,400, 57,600, 115,200, 230,400
Parity:	Non parity, Odd parity, Even parity
Stop bit length:	1, 2
Character bit length:	7, 8
Logistic level:	ON：+3V to +12V, OFF：-3V to -12V
Connector:	DE-9P-NR or equivalent
Power supply:	DC5V±5% 1A
Temperature:	0 to 40°
Size:	82(W)×30(H)×126(D)
Weight:	500g or less
Accessary:	DC cable

Option: AC adapter (GF12-US0520)

Note) When ordering as a set, please add "-AC" at the end of model.
e.g) ZS-6143AF-AC, ZS-6144AF-AC

RS-232C/GP-IB controller ZS-6143AF

It functions as GP-IB controller and controls GP-IB equipment with various commands from RS-232C interface computer and PLC etc. Amount of internal buffer memory is each 16Kbytes (input and output). It is possible to connected up to 14 GP-IB devices. In order to send and receive data from the host computer to the GP-IB device, the commands in the tabele below are available.



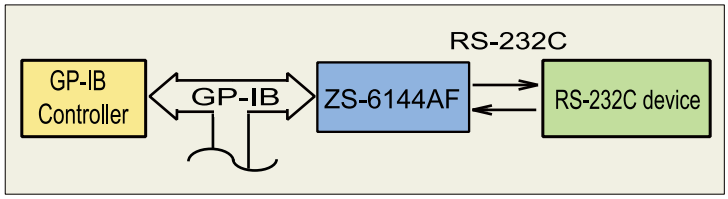
Command Table

NO.	Command	Function
1	REM	GP-IB device becomes a remote status.
2	IFC	The interface of GP-IB device is initialized.
3	DCL	GP-IB device becomes a clear.
4	SDC	The specified GP-IB device becomes a clear.
5	GTL	The specified GP-IB device becomes local control.
6	LLO	It is disable local control of GP-IB device.
7	GET	It sends a GET command to the specified GP-IB device.
8	CMD	Message command is output to GP-IB.
9	TAD	It specifies a talker address of GP-IB.
10	LAD	It specifies a listener address of GP-IB.
11	DAT	ASCII data will be output to the equipment that has already been designated as a listener.
12	DATB	Binary data will be output to the equipment that has already been designated as a listener.
13	OUT	It sends ASCII data to the specified listener.
14	OUTB	It sends binary data to the specified listener.
15	INP	It receives ASCII data from the specified talker.
16	INPB	It receives binary data from the specified talker.
17	IND	It receives ASCII data from the device that has already been specified as a talker.
18	INDB	It receives binary data from the device that has already been specified as a talker.
19	RDS	It receives the status data from the specified GP-IB device.
20	DLM	It specifies the delimiter of data to be sent to the GP-IB device.
21	TOE	It sets timeout of GP-IB handshake. (100ms to 25.5sec or no timeout)
22	SRQE	It is sent SRQ signal to the host computer when SRQ occurs.
23	SRQD	It ignores SRQ generation.

Note) Please put space of one character in part _

GP-IB/RS-232C converter ZS-6144AF

ZS-6144AF has internal buffer memory with full duplex communication method, transfer is performed regardless of GP-IB side status. Amount of internal buffer memory is each 16Kbytes (input and output).



Specifications and appearance are subject to change without notice due to continual improvements.

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