



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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GDA-HLU1 (USB adapter for Gicren devices) SKU: DFR0346



INTRODUCTION

GDA-HLU1 is a USB-to-RS485 adapter(automatic data direction control) for all Gicren standard devices, whose conversion mechanism is "USB <-> UART(FT232RL) <-> RS485(SP485EEN)", so it can also be used for other general purpose via pin header, such as "USB<->UART", "USB<->RS485" and "UART<->RS485".

Taking into account security issues, there are only D+ and D- pins connected to SP485EEN. In other words, the front-end circuit and back-end circuit do not share the same ground in the printed circuit board, but it is recommended to connect them manually to avoid excessive common-mode voltage when you are sure the connection is correct.

In addition, the onboard high-quality D-Sub-9Pin-Female, SMT-PH2.0-9Pin, Header-2.54mm-Pitch-9Pin, fuse and selectable matching resistor make this adapter more flexible and reliable.

It could cooperate with Gicren Drivers (SoftServo-B10CH (Servo Controller/ RC Signal Generator) / SoftServo-B24CH (Servo Controller/ RC Signal Generator) / DRI0037 / DRI0038) directly.