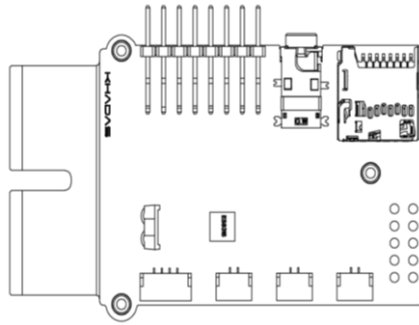




Edge2 IO



Model	A1006																				
Overview	The Khadas Edge2 I/O module expands the functions of Edge2 by connecting to the FPC connector on the underside.																				
Highlights	Adds UHS SD card support, an infrared receiver, additional USB ports, and more.																				
Tech Specs	Functions <table><tr><td>SD Card</td><td>Molex Slot, UHS-I Speed Class</td></tr><tr><td>USB HOST</td><td>4-pin 1.25mm Disconnectable Crimp Connector</td></tr><tr><td>Speak</td><td>2-pin 1.25mm Disconnectable Crimp Connector</td></tr><tr><td>Headphone</td><td>3.5mm Headphone Jack</td></tr><tr><td>Analog Microphone</td><td>2-pin 1.25mm Disconnectable Crimp Connector</td></tr><tr><td>IR Receiver</td><td>Dual Channels</td></tr></table> Expand IO <table><tr><td>GPIO Header</td><td>16-pin 2.54mm CPU: UART, ADC, SPI, I2C MCU: SWDIO, SWCLK</td></tr><tr><td>Pogo Pads</td><td>10-pin 2.54mm CPU: I2S, PWM, WPR_KEY MCU: UART</td></tr></table> PCB Board <table><tr><td>Stackup</td><td>4 Layers</td></tr><tr><td>PCB Process</td><td>Rigid-Flex PCB</td></tr></table> Size <p>52.2mm (l) / 66.7mm (with FPC) x 46.5mm (w) x 6.3mm (h)</p>	SD Card	Molex Slot, UHS-I Speed Class	USB HOST	4-pin 1.25mm Disconnectable Crimp Connector	Speak	2-pin 1.25mm Disconnectable Crimp Connector	Headphone	3.5mm Headphone Jack	Analog Microphone	2-pin 1.25mm Disconnectable Crimp Connector	IR Receiver	Dual Channels	GPIO Header	16-pin 2.54mm CPU: UART, ADC, SPI, I2C MCU: SWDIO, SWCLK	Pogo Pads	10-pin 2.54mm CPU: I2S, PWM, WPR_KEY MCU: UART	Stackup	4 Layers	PCB Process	Rigid-Flex PCB
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Documentation	Schematic: http://dl.khadas.com/products/add-ons/edge2-io/schematic/edge2-io_sch_v12.pdf Silkscreen: http://dl.khadas.com/products/add-ons/edge2-io/schematic/edge2-io_silk_v2.pdf 2D DXF Files: http://dl.khadas.com/products/add-ons/edge2-io/dxf 3D CAD Files: http://dl.khadas.com/products/add-ons/edge2-io/cad Photos: http://dl.khadas.com/products/add-ons/edge2-io/photos																				
Warranty [1]	1 Year Limited Hardware Warranty																				
Compatibility	Khadas Edge2																				
In the Box	Edge2 IO Module x1 M2 screws(short) x2 M2 screws(long) x2																				

[1] Khadas does not warrant against normal wear and tear, nor damage caused by accident or abuse.