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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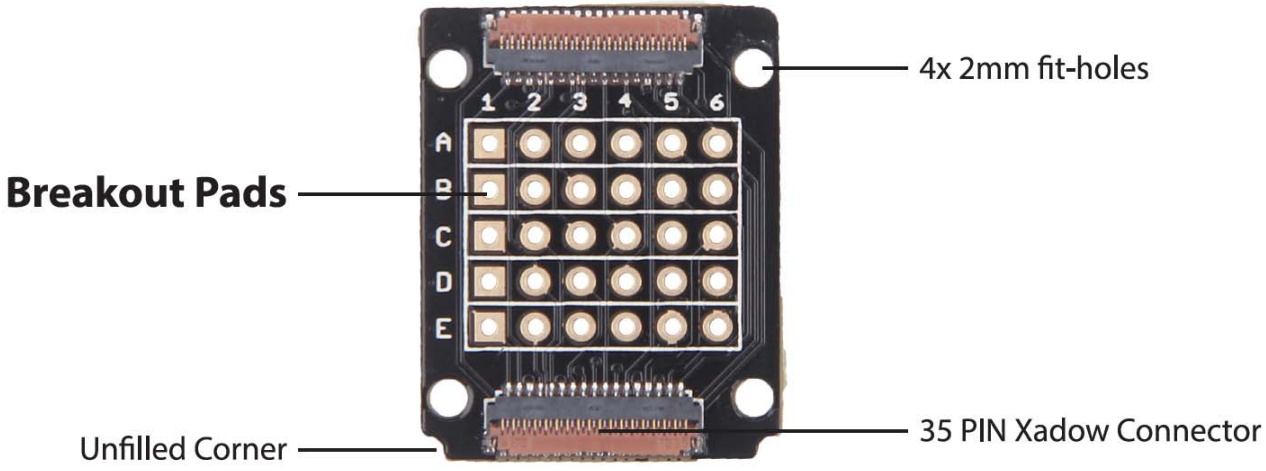
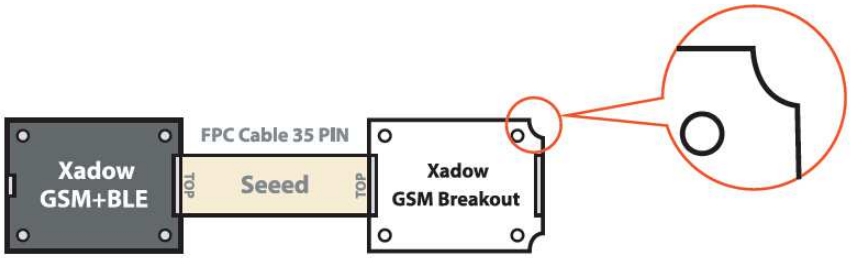
Xadow - GSM Breakout

The Xadow GSM Breakout draws out 30 pins from the 35 pin Xadow connector to five rows of 0.1 spaced holes with 0.1 spacing between adjacent rows. If you solder wires or through-hole pin headers directly to the breakout pads, you can easily access: - Up to 16 General Purpose Inputs/outputs (GPIOs) - Interfaces like SPI, I2C, UART, etc. - Pinout related to peripheral devices like speaker, audio headphone and microphones

Hardware Overview



How to use it



Pin Definitions

Pinout Definitions for Arduino IDE

	1	2	3	4	5	6
A	D3 SPI_MISO	AU_HPL	AU_VINO_N	D14	D9 UART1_RX	D8 UART1_TX
B	D1 PWM	AU_HPR	AU_VIN1_P	D13	D7 I2C_SDA	D6 I2C_SCL
C	D2 SPI_SCLK	SPK_OUTP	AU_VIN1_N	D15	2V8	VBAT
D	A2	SPK_OUTN	MICBIAS0	D12	D5	E_INT4 (1.8V)
E	A3	D4 SPI_MOSI	ACCDET	AU_VIN0_P	GND	GND

Xadow 1.54'' Touchscreen
- Touch Screen (2.8V)
- TFT Display (1.8V)
- Backlight (2.8V)

Xadow Audio
- Speaker & Microphone

External Devices
- Headphone & Microphone

Others
- VBAT: 3.3V - 4.2V
- 2.8V
- Idle GPIOs (2.8V)
- GND

Pinout Definitions for Eclipse IDE

	1	2	3	4	5	6
A	GPIO29 SPI_MISO	AU_HPL	AU_VINO_N	GPIO49	GPIO10 UART1_RX	GPIO11 UART1_TX
B	GPIO3 PWM	AU_HPR	AU_VIN1_P	GPIO48	GPIO44 I2C_SDA	GPIO43 I2C_SCL
C	GPIO27 SPI_SCLK	SPK_OUTP	AU_VIN1_N	GPIO50	2V8	VBAT
D	GPIO1 A1	SPK_OUTN	MICBIAS0	GPIO47	GPIO19	GPIO46 (1.8V)
E	GPIO2 A2	GPIO28 SPI_MOSI	ACCDET	AU_VIN0_P	GND	GND

Xadow 1.54'' Touchscreen
- Touch Screen (2.8V)
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Xadow Audio
- Speaker & Microphone

External Devices
- Headphone & Microphone

Others
- VBAT: 3.3V - 4.2V
- 2.8V
- Idle GPIOs (2.8V)
- GND

- If your project is built with Arduino IDE, please refer to the "Pin Definitions for Arduino IDE".
- If your project is built with Eclipse IDE, please refer to the "Pin Definitions for Eclipse IDE".

Notice

- Some pinout might be occupied if the corresponding module is operative in the system. Please check the availability of the pinout of the Xadow GSM Breakout before using it.
- And also, do make sure you know exactly about the voltage level at each pinout (2.8V or 1.8V), irreversible damages might occur if you mismatch it with a system working at a higher voltage level.

RePhone Community

We've been looking for a better place where our backers (RePhone Users) can sit together, warmly and comfortably, have conversations about RePhone, discuss technical problems, share ideas/projects, and give feedback on the modules' development in the future. And then here we go, the RePhone Community.

Now join us in the RePhone Community! Together we seek answers, make interesting stuff, care about each other, and share our experiences.