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MT3620 Grove Breakout

SKU 103100123

MT3620 Grove breakout is an expansion breakout board designed for the brand new MT3620 Mini Dev Board

MT3620 Grove breakout is an expansion breakout board designed for the brand new MT3620 Mini Dev Board. Azure Sphere MT3620 Development Kit and MT3620 Mini Dev Board are both enabled by Microsoft Azure Sphere technology.

MT3620 Grove breakout enables users to quickly apply sensors modules -SeeedStudio Groves into rapid prototyping application which is built based on MT3620 Mini Dev Board.

Since Azure Sphere SDK has not yet supported ADC on MT3620, this breakout serves as an interface between MT3620 I2C port and external ADC, which provides a way to read the analog data from the analog port. Besides the analog port, this breakout has UART, SPI, I2C, GPIO ports.

Features

- 12-bit ADC, I2C-compatible serial interface
- 8 Grove connectors
- 2 x UART
- 2 x I2C
- 2 x Analog
- 2 x GPIO

Hardware Overview



hardware overview

Technical details

Dimensions	57mm x52mm x10mm
Weight	G.W 38.6g
Battery	Exclude

Part List

MT3620 Grove Breakout	1
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ECCN/HTS

ECCN	EAR99
HSCODE	8517709000
UPC	

🚱 GND			3U3 SCLK8 MOSI8 MISO8 CSA8 GND		A0 🛤
S 303				-	NC 🚯
NC NC		-	X 8 8 8 8 9	1.000	303
A1				3	🗾 GND 🤣
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	•		www.seeedstudio.com	-	303
	•		2019/03/25 V1.0		GND 🥹
GND G 3U3 TXD0 RXD0 G			Only choose 12C or UART1	-	0
	•		Only choose SPI0 or UARTO		O RXD1
	0				O 303 O
	•				O GND
	•				0
GND	•				🔵 GP1035 🥅
303					GP1034
GPI03					303 🤤
GPI06	ų.				GND 🚭



https://www.seeedstudio.com/MT3620-Grove-Breakout-p-4043.html/9-17-19