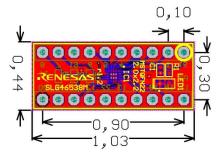


## 1. Description

The GreenPAK DIP Adapter is a small PCB that lets you adapt STQFN packages into a DIP footprint. This board can speed up your design prototyping and testing. This small board 0.43x1.03 inch uses 20 pins DIP footprint with 0.3 inch width. You can also use this adapter for prototyping by making MSTQFN package compatible with solder free breadboards.

### 2. Features

- Low cost
- Simplifies prototyping of SMT IC's
- Optional V<sub>DD</sub> LED indicator
- Decoupling capacitor included
- Optional I<sup>2</sup>C pull-up resistor

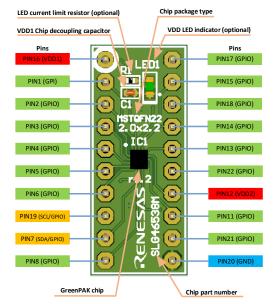


Note 1 All sizes in inches.

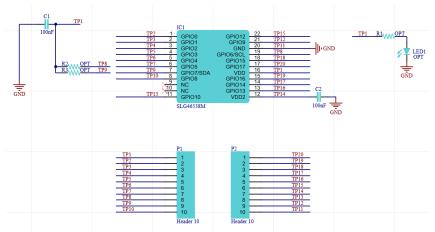
### 4. Bottom View

	Chip pin number	I2C pull up resistors (optional)
Pins		Pins
PIN17 (GPIO)	<b>1</b>	PIN16 (VDD1)
PIN15 (GPIO)		PIN1 (GPI)
PIN18 (GPIO)	~ 6	PIN2 (GPIO)
PIN14 (GPIO)		PIN3 (GPIO)
PIN13 (GPIO)		PIN4 (GPIO)
PIN22 (GPIO)		PIN5 (GPIO)
PIN12 (VDD2)		PIN6 (GPIO)
PIN11 (GPIO)		PIN19 (SCL/GPIO)
PIN21 (GPIO)		PIN7 (SDA/GPIO)
PIN20 (GND)		PIN8 (GPIO)
VDD2 Chip decouplin (optional)		

# 3. Top View



## 5. Board Schematic



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