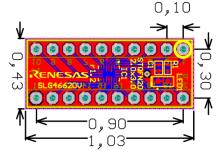


## 1. Description

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 STQFN 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



Note 1 All sizes in inches.

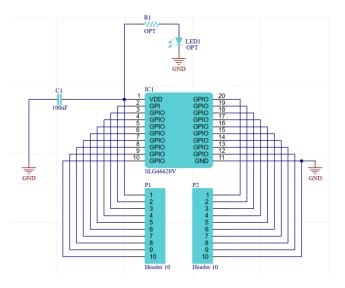
### 4. Bottom View

C	hip pin number	
Pins		Pins
PIN20 (GPIO)		PIN1 (VDD)
PIN19 (GPIO)	<b>1 1 1 1</b>	PIN2 (GPI)
PIN18 (GPIO)	💽 💿 🛞 🕫 🔚	PIN3 (GPIO)
PIN17 (GPIO)		PIN4 (GPIO)
111117 (0110)		
PIN16 (GPIO)	- 16 L	PIN5 (GPIO)
PIN15 (GPIO)	σν	PIN6 (GPIO)
PIN14 (GPIO)		PIN7 (GPIO)
PIN13 (GPIO)	ω ω	PIN8 (GPIO
PINT2 (GHO)		PINO (GPIU
PIN12 (GPIO)		PIN9 (GPIO)
PIN11 (GND)		PIN10 (GPIO)

# 3. Top View

LED current limit resistor	(optional)	Chip package	type	
VDD Chip decoupling capacitor		VDD LED in	VDD LED indicator (optional)	
Pins			Pins	
PIN1 (VDD)		LEDI	PIN20 (GPIO)	
PIN2 (GPI)	0 🛄		PIN19 (GPIO)	
PIN3 (GPIO)	🕘 ताँ	G	PIN18 (GPIO)	
PIN4 (GPIO)		FN20 x3.0 🕞	PIN17 (GPIO)	
PIN5 (GPIO)	Ð •r		PIN16 (GPIO)	
PIN6 (GPIO)	01	Ē	PIN15 (GPIO)	
PIN7 (GPIO)	0/	у́_ С	PIN14 (GPIO)	
PIN8 (GPIO)	<b>9</b>	N 8 🖸 🗕	PIN13 (GPIO)	
PIN9 (GPIO)	9	ž ž 🕒 –	PIN12 (GPIO)	
PIN10 (GPIO)	9 (		PIN11 (GND)	
GreenPAK chip Chip part number				

# 5. Board Schematic



**Revision 1.1** 

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#### **Corporate Headquarters**

TOYOSU FORESIA, 3-2-24 Toyosu, Koto-ku, Tokyo 135-0061, Japan www.renesas.com

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