

## PB-GE-S1 Prototyping Board - Small - Style 1

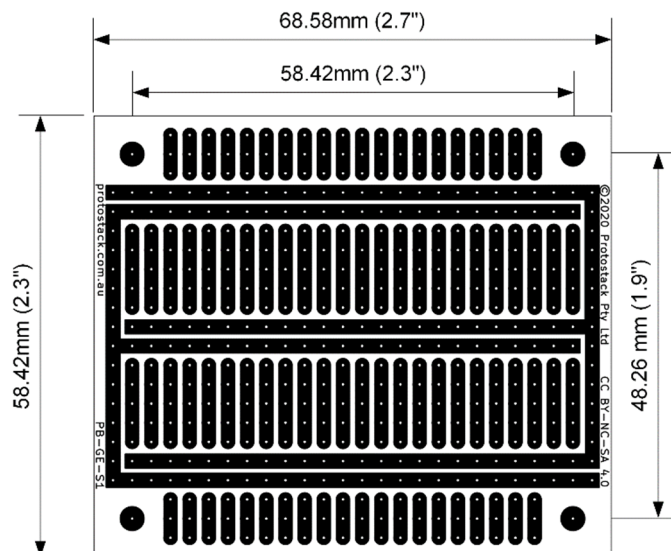
### Overview

This is the half size version of our popular prototyping board. It still has all the same features and but in a compact size. This board can be stacked with other large, medium or small protostack boards.

### Specifications

Size:	68.58 x 58.42mm (2.7" x 2.3")
Mounting Holes:	4 x 3.2mm (0.125")
Component Holes:	536 x 0.9mm (35mil)
Component Hole Pitch:	2.54mm (0.1")
Board Material:	1.6mm FR4
Pad Treatment:	Electroless Nickel Immersion Gold (ENIG)
Copper Thickness:	1oz per sqr foot
Track Width:	Top: 1.4mm (55mil) Bottom: 1.8mm (71mil)
Rated Current	5.5A <sup>1</sup>
Rated Voltage	150V <sup>2</sup>
Operating Temperature	-30°C to 125°C
Flammability Rating	UL 94V-0

### Physical Diagram



<sup>1</sup> Rated current is based on many factors including acceptable temperature rise and ventilation. When calculating rated current, we assumed 10°C acceptable temperature rise and board in open air

<sup>2</sup> Voltage rating was calculated in accordance with IPC-2221B