



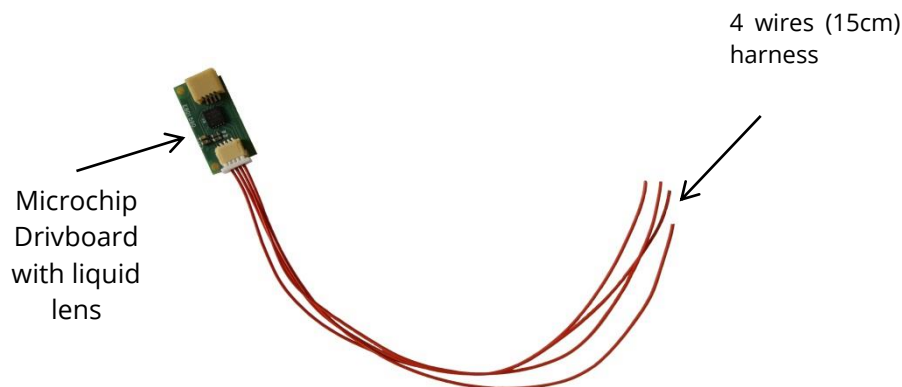
Microchip HV892 Drivboard User Guide

1. Introduction

The **Microchip Drivboard** is a PCB with a HV892 driver, that allows to control the variable focus Varioptic lenses.

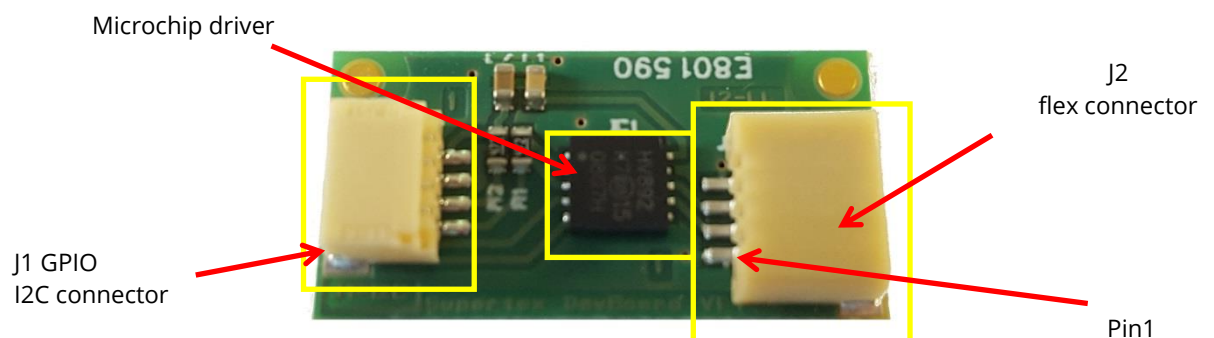
This document explains how to use the Microchip Drivboard.

2. Content



3. Hardware description

3.1. General description of the board



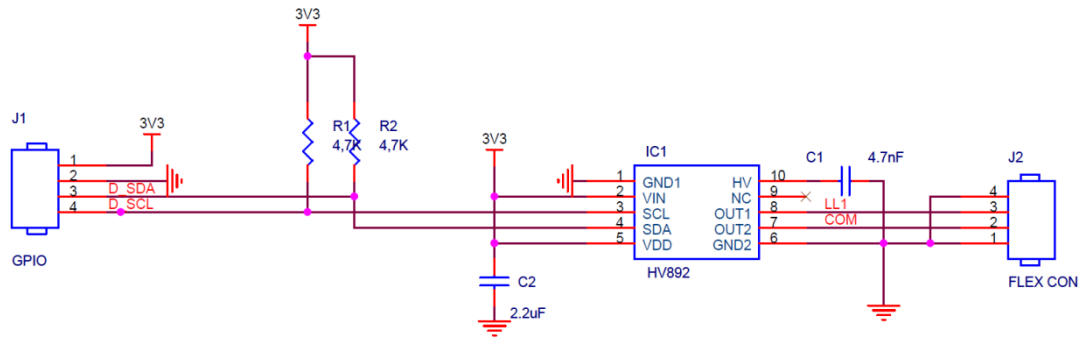
Dimensions: 23 * 12 * 4.8 mm

Weight: 1.33 gr

3.2. Control of the board

Report to the HV892 datasheet for any information about Driver communication protocol.

4. Drivboard schematic



5. Bill Of Materials

Item	Quantity	Reference	Value	Part number	PCB Footprint
1	1	C1	4.7nF		0603
2	1	C2	2.2uF		0603
3	1	IC1		HV892K7-G	DFN10
4	1	J1	GPIO	SM04B-SRSS-TB	
5	1	J2	FLEX CON	TE 84981-4	
6	2	R1,R2	4,7K	ERA3AEB472V	0603