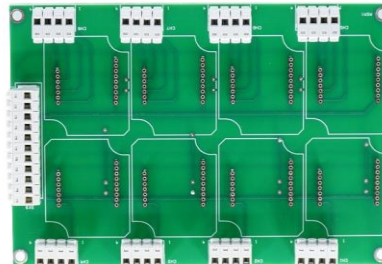


## Multi-Channel Motherboard ASM1-8 8x AS7539A Amplifiers

The ASM1-8 is a motherboard designed to integrate up to eight AS7539A amplifier boards (configured for current-output) allowing multiple transducer processing. Transducer wires can be easily clamped onto the board. Optional features include a rugged aluminium enclosure offering IP66 protection.

### Features

- Common power supply rail
- Individual current outputs
- Accomodates 8 AS7539A amplifiers
- Size 183 x 127 x 24 mm (LxBxH)
- Optional aluminium enclosure (IP 66)



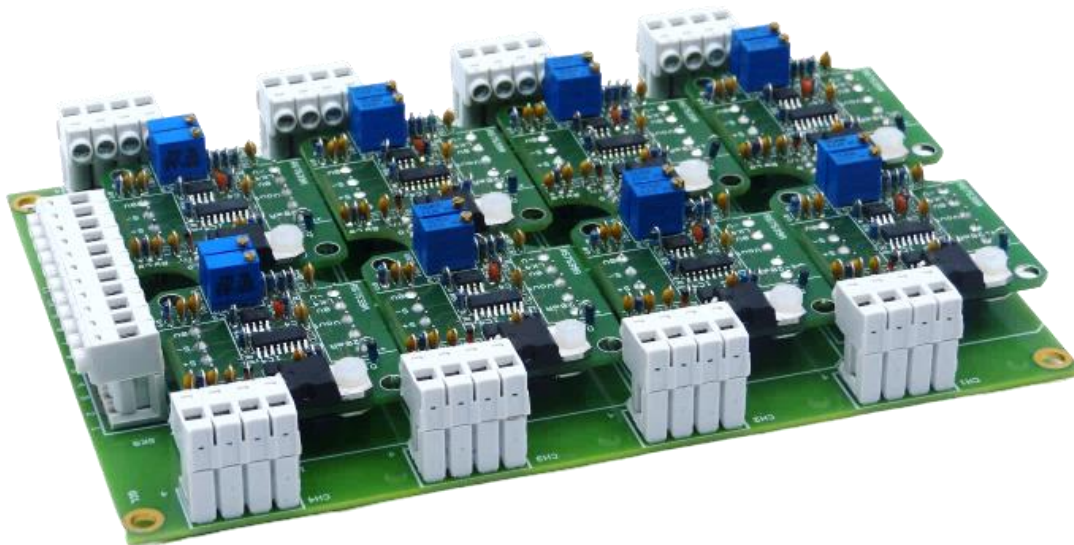
### Applications

- Multiple transducer processing

### Ordering

<b>Part number:</b>	<b>ASM1-8</b>
<b>Customer specific electrical / mechanical changes are possible – please contact us with your individual requirements.</b>	

### Example Populated Board

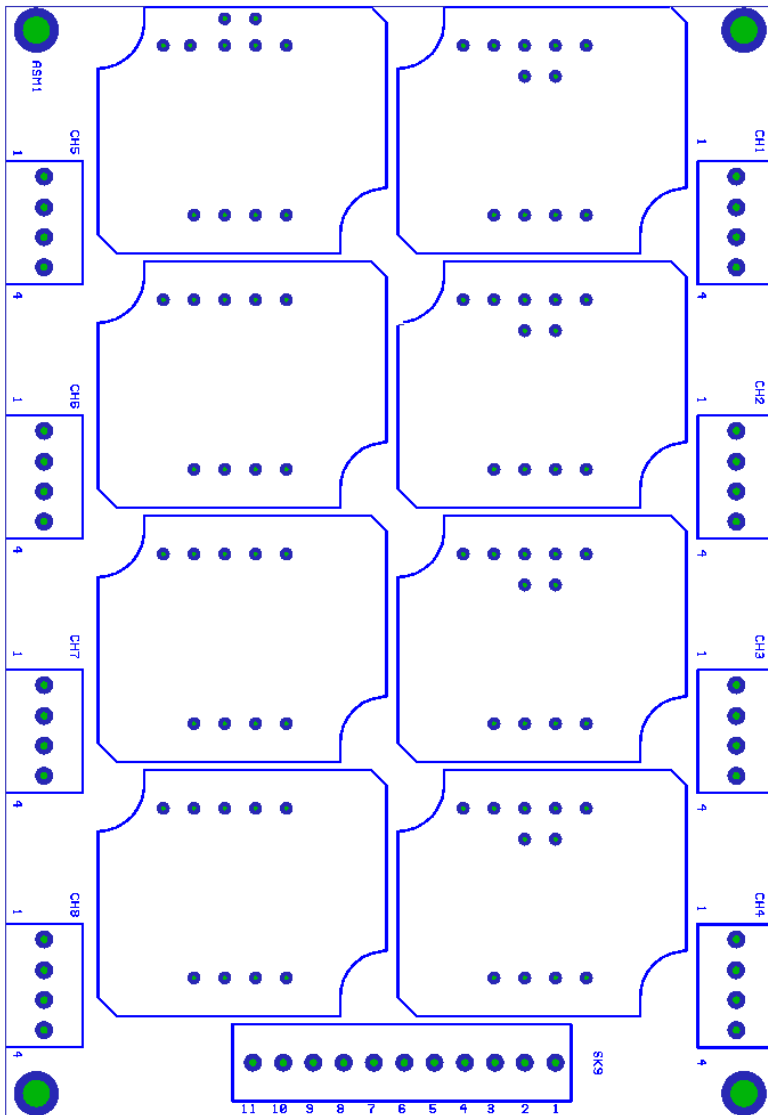




**Installation:**

Function	Connector	Description
Power Supply Input	SK9	Pin-1 +VCC Pin-2 GND Pin-3 -VCC (optional)
Load-cell / Strain-gauge transducers	CH1 - CH8	Pin-1 sensor "+" excitation voltage Pin-2 sensor "+" output Pin-3 sensor "-" output Pin-4 sensor "-" excitation voltage
Current Outputs	SK9	Pin-4 = amplifier CH1, Pin-5 = amplifier CH2, etc.

All connectors accept solid or stranded wire, size 24 - 12 AWG (0.2 – 3.31 mm<sup>2</sup>). For optimal results, a ferrule is typically used with stranded wire.





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Part number:	ASM1-8 +ENCL3	Aluminium IP66 Enclosure for ASM1-8 incl. cable glands (8x PG7, 1x PG12)
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