

Sensor List – Components Under ₹4,000

Category	Module / Part #	Typical Price (₹)	Key Specs	Example Use
Pressure	MPX5050DP	1,765	0–50 kPa, ±2 %FS	Respiratory pressure
PPG / SpO ₂	MAX30102	320	HR + SpO ₂ , I ² C	Vitals monitoring
Temperature IR	MLX90614	1,000	-70–380 °C, ±0.5 °C	Body temperature
Temp (contact)	DS18B20	90	-55–125 °C, ±0.5 °C	Skin/ambient temp
IMU	ADXL335	1,280	3-axis ±3 g	Motion/fall detection
GSR	GSR Module v2	1,590	Skin conductance	Stress monitoring
Gas / Air Quality	MQ-135	300	NH ₃ , CO ₂ , VOC	Environmental sensing
Humidity	DHT22	300	0–100 %RH, ±2 %	Perspiration/ambient

Note: Prices are indicative single-piece online rates as of June 2025 and may vary.