WEATHER BALLOON COMPONENT LIST

Components List	Quantity	Links
Arduino Uno	2	https://mkp.gem.gov.in/lora-development-module-kit/original-uno-rev3-648421/p-5116877-97482104160-cat.html#variant_id=5116877-97482104160
Arduino Nano AutoBotix Nano V	2	https://mkp.gem.gov.in/lora-development-module-kit/original-arduino-nano-648418/p-5116877-6028847442-cat.html#variant_id=5116877-6028847442
ESP32-CAM	1	https://quartzcomponents.com/products/esp32-camera-development-board-wifi-bluetooth-with-ov2640-camera-module?variant=37646399570104&currency=INR&utm_medium=product_sync&utm_source=google&utm_content=sag_organic&utm_campaign=sag_organic?utm_source=google&utm_medium=FreeListings&gad_source=1&gclid=Cj0KCQjwncWvBhD_ARIsAEb2HW87RJAHdPZF_g8tLuVOLTvBgGrUmt9AssOFcmU0gvsEMP2fIywzgZIaAmerEALw_wcB
Node MCU 1.0V	2	https://robu.in/product/nodemcu-cp2102-board/?gad_source=1&gclid=Cj0KCQjwncWvBhD_ARIsAEb2HW9zNV8U2JcKAtEEAnBK2f_9CShdApiQrbHy8iSmOvHsGjnorly6m94aAmL5EALw_wcB
4.7K Ohm Resistor	1	https://robu.in/product/4-7k-ohm-0-5w-metal-film-resistor-pack-of-50/?gad_source=1&gclid=Cj0KCQjwwMqvBhCtARIsAIXsZpZDtJtmEOtKHFjjLQktkyUWQETfqIvNTG-46VaKAUK5ZfLIsY5WwpqaAkUyEALw_wcB
BMP180 - Barometric Pressure	1	https://robu.in/product/bmp180-digital-barometric-pressure-sensor-module/
DS18B20 1-Wire Temperature S	1	https://robu.in/product/ds18b20-temperature-sensor-module-temperature-measurement-module-arduino/
SparkFun MPU-6050 - Accelerc	1	https://robu.in/product/mpu-6050-gyro-sensor-2-accelerometer/
Wall Adapter Power Supply - 12VDC 2A		https://robu.in/product/orange-12v-2a-power-supply-with-5-5mm-dc-plug-adapter/?gad_source=1&gclid=Cj0KCQjwwMqvBhCtARtsAIXsZpag53YLqhg3oHH4fUAD8nH-4xzonSWBh_wjfA7g22PWtHaU0BhX31IaAvDYEALw_wcB
Ublox NEO-6M GPS Module	2	https://robu.in/product/neo-6m-gps-module-with-eprom-normal-quality/?gad_source=1&gclid=Cj0KCQjwwMqvBhCtARIsAIXsZpa9DJ2IIuXr_Hips8bQ9s-aW0ryZ08kYWZeWwyrQv9MIuepy1VjEF4aAl9rEALw_wcB
Carbon Monoxide Sensor - MQ	1	https://robu.in/product/mq-7-co-carbon-monoxide-coal-gas-sensor-module/?gad_source=1&gclid=Cj0KCQjwwMqvBhCtARIsAIXsZpbtjVqvxtizuNPKN6mQlpD03a8_oxmlPmWRHKEE7Y7m0jg7ZSKpJz8aAgb_EALw_wcB
470 Ohm Resistor		https://robu.in/product/470-ohm-0-5w-metal-film-resistor-pack-of-50/?gad_source=1&gclid=Cj0KCQjwwMqvBhCtARIsAIXsZpapcjAEE5B8EH-j8C_0zBmf6evkgckZx5jt0ah7EDwG3YWF0zAdfjoaAgSbEALw_wcB
1K Ohm Resistor		https://robu.in/product/1k-ohm-0-5w-metal-film-resistor-pack-of-50/?gad_source=1&gclid=Cj0KCQjwwMqvBhCtARIsAIXsZpZNCCBJOJA9BSLYvJ-fFuXqTm3JpdFECav0ycD7wljCyFEUrQhJNrgaAh8sEALw_wcB
BME680 Temperature, Humidity	1	https://robu.in/product/smartelex-bme680-temperature-humidity-pressure-and-gas-sensor-breakout-board/
Adafruit SGP30 Air Quality Sensor Breakout - VOC and eCO2		https://robu.in/product/adafruit-sgp30-air-quality-sensor-breakout-voc-and-eco2-stemma-qt-qwiicrohs-compliant/
Female DC Power adapter - 2.1	1	https://robu.in/product/orange-12v-1a-power-adapter-with-5-5-x-2-1mm-dc-plug/
USB micro-B Cable - 6 Foot	3	https://robu.in/product/micro-usb-a-to-micro-b-cable-120cm/
Voltage Regulator 5v		https://robu.in/product/dc-dc-voltage-converter-multi-output-power-supply-module-12v-3-3v5v12v/
Capacitor Ceramic 100nF	2	https://robomart.com/100000-picofarad-ceramic-capacitor-online?gad_source=1&gclid=Cj0KCQjwwMqvBhCtARIsAIXsZpZYiGBHW_7g9TErixiAW6Xb6MgHZiJUGo4qPRMge3wKI8ck2vXXqOJsI-58RcaAqgFEALw_wcB
Electrolytic Capacitor - 1uF/50V	2	https://robu.in/product/1-uf-50v-through-hole-electrolytic-capacitor-pack-of-40/#
BreadBoard	2	https://robu.in/product/breadboard-840-tie-points-solderless-diy-project-circuit-test-breadboard/#
BreadBoard - Half Size	1	https://robu.in/product/400-tie-points-contacts-mini-circuit-experiment-solderless-breadboard/?gad_source=1&gclid=Cj0KCQjwncWvBhD_ARIsAEb2HW8sDMt2-6E3CE7qUobbGW2JiI-c8bHa8mSDFqf_gqCxWaWHCzCPoz38aAuqrEALw_wcB#
HeatSink TO-220	1	https://robu.in/product/to220-718-aluminum-heatsink-for-transistor-pack-of-5/?gad_source=1&gclid=Cj0KCQjwwMqvBhCtARIsAIXsZpYc0j1qjk476VZ0MFnXw1ttKKy4b2LWW_zLwbl6iqdaEX-dIcM_4kaAupREALw_wcB
Jumper Wires Pack - M/M-3		https://robu.in/product/10-cm-40-pin-dupont-male-male-male-female-female-female-cable-combo/?gad_source=1&gclid=Cj0KCQjwwMqvBhCtARIsAIXsZpYii3PhL4hc1_30wRkURxMfvn_mQ9IDhuW_d7qiKxWvpLJGAsA2nqFwaAqcbEALw_wcB
Male Headers Pack- Break-A	8	https://robu.in/product/1x40-berg-strip-male-connector/?gad_source=1&gclid=Cj0KCQjwwMqvBhCtARIsAIXsZpZ2qUVvr1A1aFNZIX9E1HDkBHc_Frbnmfc9kzyROFFSXhf2w5NCNtgaAjAeEALw_wcB
SIM800L GSM module	1	https://robu.in/product/sim800l-v2-0-5v-wireless-gsm-gprs-module-quad-band/?gad_source=1&gclid=Cj0KCQjwwMqvBhCtARIsAIXsZpbhMJZudaE36E1qhybeslihx_Ob8YE5HcoF07_Rj3Ywxg5YevtLbf0aAm-4EALw_wcB
SX1276 LoRa module	2	https://robu.in/product/lora-433mhz-sx1278-sx1276-wireless-transmitter-and-receiver-rf-module-8000m-e32-433t30dt1b-uart/?gad_source=1&gclid=Cj0KCQjwwMqvBhCtARIsAIXsZpbmHgglicBcdgCW5G2zxL5Zbm_n2L8XFRtDm3ZjCE2eHsNshg0CHnwaAkJpEALw_wcB
IR Reflector Sensor	1	https://robu.in/product/rpr220-reflective-sensor-module-optoelectronic-switch/?gad_source=1&gclid=Cj0KCQjwwMqvBhCtARIsAIXsZpY_7x_fAajkFTS9ldmSkR01UM8MPPnzqoqnqvk5FIc50Z5gvNNYGqAaApJkEALw_wcB
Li-Po Battery 3S 40C	4	https://robu.in/product/orange-2200mah-3s-40c80c-lithium-polymer-battery-pack-lipo/?gad_source=1&gclid=Cj0KCQjwwMqvBhCtARIsAIXsZpb4zPyEIR1EO9M24c2vsL6xqYfr4lNql-xc1rfTZLoaYNYCf)KR79kaApUWEALw_wcB
24/12v to 5V 5A power Modu	2	https://robu.in/product/24v-12v-to-5v-5a-power-module-dc-dc-xy-3606-power-converter/?gad_source=1&gclid=Cj0KCQjwwMqvBhCtARIsAIXsZpYl2WSXdiAf2a267ku9kb1l3VnfCzNYuaYYuVGVaLRlicTJ9EU8-qMaAk4lEALw_wcB
servos	4	https://robu.in/product/towerpro-sg90-9g-mini-servo-9-gram/?gad_source=1&gclid=Cj0KCQjwwMqvBhCtARIsAIXsZpaiSpXHEQUWWmdcMf_gUmGC59pMXdcLsTL0KgRi-MhyiZDAdjpvdWQaAsQpEALw_wcB