

COMPONENTS COSTING PER UNIT BOARD

COMPONENTS	VALUE	PRICE UNIT	QUANTITY
ANT	CONMHF1-SMD-G-T	₹ 8.00	1
BOOT, RESET	FSMSM	₹ 3.00	2
C1, C2, C3, C4, C9, C10, C11, C13, C15, C16	0.1 µF	₹ 1.00	10
C5, C6, C7, C8	20 pF	₹ 1.00	4
C12, C14	1000 µF	₹ 6.50	2
D1, D2, D3	SS14-E3/61T	₹ 1.00	3
DI, STATUS	Green	₹ 1.00	2
DIGITAL_INPUT, DIGITAL_OUTPUT, PULSE, SUPPLY	1711725	₹ 10.00	4
OP1	LTV-817S-TA	₹ 4.00	1
POWER	Red	₹ 1.00	1
Q1, Q2	BSS138P	₹ 2.00	2
R1	1 MOhms	₹ 1.00	1
R2, R6	100 kOhms	₹ 1.00	2
R3, R16, R17, R19, R20	10 kOhms	₹ 1.00	5
R4, R5	470 Ohms	₹ 1.00	2
R7, R9, R14	1 kOhms	₹ 1.00	3
R8	120 Ohms	₹ 1.00	1
R10, R11	10 Ohms	₹ 1.00	2
R12	1.5 kOhms	₹ 1.00	1
R13	0 Ohms	₹ 1.00	1
R18, R21	470 kOhms	₹ 1.00	2
RS485	1716090000	₹ 10.00	1
SWD, UART	B4B-XH-A_LF__SN_	₹ 1.50	2
U1	ESP32-WROOM-32	₹ 230.00	1
U2	RFM95W-868S2	₹ 900.00	1
U3	SN65HVD10D	₹ 40.00	1
U4	AMS1117-3.3	₹ 3.50	1
USB	USB3090-XX-X_REVE	₹ 10.00	1
Y1	ABS25-32.768KHZ	₹ 7.00	1
Y2	HC-49/U-S8000000ABJB	₹ 7.00	1

SIM MODULE

NA

₹ 2,300.00

1

SINGLE UNIT BOARD COSTING

Items	cost per unit	quantity	total cost
PCB board	400	1	400
components	3625	1	3625
assembly	450	1	450
IP65 Enclouser	350	1	350
wire+dc connector	100	1	100
CABLE gland	10	4	40
screw+pcb spacer	5	8	40
Hi link Power adaptor	270	1	270

TOTAL PRICE	SUPPLIER
₹ 8.00	Local Suppler
₹ 6.00	Local Suppler
₹ 10.00	Local Suppler
₹ 4.00	Local Suppler
₹ 13.00	Local Suppler
₹ 3.00	Local Suppler
₹ 2.00	Local Suppler
₹ 40.00	Local Suppler
₹ 4.00	Local Suppler
₹ 1.00	Local Suppler
₹ 4.00	Local Suppler
₹ 1.00	Local Suppler
₹ 2.00	Local Suppler
₹ 5.00	Local Suppler
₹ 2.00	Local Suppler
₹ 3.00	Local Suppler
₹ 1.00	Local Suppler
₹ 2.00	Local Suppler
₹ 1.00	Local Suppler
₹ 1.00	Local Suppler
₹ 2.00	Local Suppler
₹ 10.00	Local Suppler
₹ 3.00	Local Suppler
₹ 230.00	ROBU
₹ 900.00	Local Suppler
₹ 40.00	Local Suppler
₹ 3.50	Local Suppler
₹ 10.00	Local Suppler
₹ 7.00	Local Suppler
₹ 7.00	Local Suppler

₹ 2,300.00

ROBU

** ONLY GATEWAY DEVICE NEED THIS

₹ 3,625.50

Final cost

5275

NA

MENTIONED ABOVE

Local Suppler

Local Suppler

ROBU

ROBU

ROBU

ROBU