









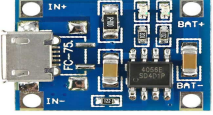
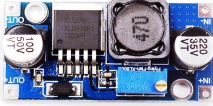



Smart Forest Fire Monitoring System

"Circuit_Breakers"

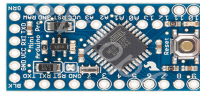


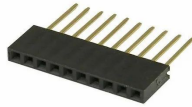
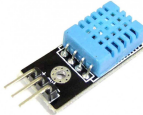
Estimated BOM

S.no	Item Name	Image	Price (INR)
1	HC-12 Module x2		
2	16Mhz Clock Crystal x2		
3	22pF Capacitor x2		
4	10k Ohm resistor x2		
5	ATmega 328P x2		
6	1N4004 diode x2		
7	Li-ion battery 18650 x2		



8	Switch x2		
9	Solar Panel 5.5v ;120mA x2		
10	Jumper cable (Male to Female)		
11	TP4056 charge controller x2		
12	XL6009 DC- DC converter x2		
13	Red LED & Green LED x2		
14	KY-026 Flame Sensor		
15	MQ-7 CO sensor		



16	Arduino Mini Pro		
17	A9G Module		
18	22uF Capacitor x2		
19	Female pin header x2		
20	DHT11 temp. sensor		
21	Solder wire		
22	Perforated Board		
	Total :		

Signature :-

TRISHANU NAYAK	GAURAV	RUDRA J PATEL