

**BILL OF MATERIAL**

**VIP-M07-ADIS v1.1**

QTY	Designator	Comment	Description	Footprint
27	R1, R2, R3, R4, R5, R6, R8, R9, R17, R19, R20, R21, R23, R24, R25, R30, R31, R32, R33, R34, R35, R38, R39, R40, R41, R42, R43	15K	Resistor	0805_R
10	R10, R12, R14, R15, R27, R28, R46, R47, R48, R49	2k2	Resistor	0805_R
2	JP1, JP2		Connector	SIP10 MALE (2.54mm)
4	LED1, LED5, LED7, LED9	LED2_green	LED diode	0805_LED
1	J2		JUMPER 2CH	JUMPER2CH(2.54mm)
4	J1, J7, J8, J29	JUMPER 3CH	JUMPER 3CH	JUMPER 4CH(2.54mm)
2	U3, U4	VND7012AY		PSSO36
3	R11, R18, R26	4K7	Resistor	0805_R
6	R13, R45, R52, R53, R56, R57	1K	Resistor	0805_R
4	C1, C6, C13, C14	100nF	Capacitor	0805_C
5	J9, J10, J11, J12, J13	CON_2	Connector	CONNECTOR 2 POLES(5mm)
3	D1, D2, D3	STTH102	diode	DIODE_SMA
6	LED2, LED3, LED4, LED6, LED8, LED10	LED3_green	Led	0805_LED
25	R7, R16, R22, R36, R37, R44, R50, R51, R54, R55, R_UP1, R_UP2, R_UP3, R_UP4, R_UP5, R_UP6, R_UP7, R_UP8, R_UP9, R_UP10, RBulb, RsenseA, RsenseB, RsenseC, RsenseD	10K	Resistor	0805_R
1	D4	BAT20J	diode	SOD323
16	C2, C3, C4, C5, C7, C8, C9, C10, C12, C15, C16, C17, C18, Cext, Cext1, Cext2	10nF	Capacitor	0805_C
1	R29	22k	Resistor	0805_R
1	C11	100uF 63V	Capacitor	CAPPOL10D
1	J30	CON3	Connector	CONNECTOR ( 7.62mm) 3Poles
4	X1, X2, X3, X4	CON36	Connector	SIP36 MALE (2.54mm)
5	Q1, Q3, Q4, Q5, Q6	BC847	NPN Transistor	SOT23
1	Q2	BC807	PNP Transistor	SOT23
1	U1	VND7020AJ	PSS0-16	PSSO16
1	U2	VNQ7050AJ	PSS0-16	PSSO16