

TITLE:		OHMv1_SLAVE_R0.2_BOM			Production Qty					1				
VOIDRON CO.					Assembly Material Cost					0				
					Any Other Charges					0				
CREATED BY:		AS / MK	FILE:	OHMv1_SLAVE_BOM_240111	Product Cost					0				
DATE:		11-Jan-2024	SHEETS:	TWO	Production Cost					0				
ITEM	REF-DES	PART TYPE	PART CODE	DESCRIPTION	PINS	PACKAGE	QTY (x 1)	QTY (x N)	SOLDER POINTS	MFG.	MOQ	UNIT PRICE	ORDER QTY	SUB-TOTAL
1	R214 R410 R501-502 R601	Resistor	0E	Resistor SMD 0E 5% 1/10W 0805	2	'0805	5	5	10	Any				
2	C106 C112 C118 C124 C206 C212 C217 C223 C306 C312 C318 C324 C406 C411 C501-507 C601 C603-618	Capacitor	100NF	Ceramic Capacitor 100NF 50V ±10% 0805	2	'0805	38	38	76	Any				
3	C101-104 C107-110 C113-116 C119-122 C201-204 C207-210 C213-215 C218-221 C301-304 C307-310 C313-316 C319-322 C401-404 C407-409	Capacitor	100PF	Ceramic Capacitor 100PF 50V ±10% 0805	2	'0805	54	54	108	Any				
4	R101-116 R201-212 R215-218 R301-316 R401-408	Resistor	10K	Resistor SMD 10K OHM 5% 1/8W 0805	2	'0805	56	56		Any				
5	R213 R409 R701	Resistor	1K	Resistor SMD 1K OHM 5% 1/10W 0805	2	'0805	3	3		Any				

6	C105 C111 C117 C123 C205 C211 C216 C222 C305 C311 C317 C323 C405 C410 C602	Capacitor	1UF	Ceramic Capacitor 1UF 50V ±10% 0805	2	'0805	15	15		Any				
7	U601	Shift Register IC	74HC595D	8-bit Shift Register SOIC-16	16	SOIC-16	1	1		NXP or Any Other				
8	U501-507 U603-609	MUX/DMUX	CD74HC4051PWT	Multiplexer Switch IC CMOS 8-Channel Analog MUX/DMUX SSOP16	16	SSOP-16	14	14		Any				
9	J701-704	CONNECTOR	-	FFC/FPC BOTTOM 28POS 1MM RA	28	1MM 28P	4	4		Any				
10	J705-706	CONNECTOR	-	FFC/FPC BOTTOM 30POS 0.5MM RA	30	0.5MM 30P	2	2		Any				
11	U101-104 U201-204 U301-304 U401-402	OP-AMP	MCP604	OPAMP IC CMOS 4 CIRCUIT SSOP14	14	SSOP-14	14	14		Any				
12	M701-704	Mounting Hole	⌀	⌀	0	-	1	1		Any				
13	U602	OPAMP	OPA187IDBVR	IC OPAMP ZERO-DRIFT SOT-23 5P	5	SOT-23 5P	1	1		Any				
14	-	PCB	OHMv1_SLAVE_R0.2_ PCB_240111	Two layer 75mm x 35mm FR4 1.6mm thick 35u Cu black solder mask white legend	0	230mm x 50mm	1	1	0	Any Professional				

Note:

1. Please make prototypes before proceeding towards production