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Source location: <https://github.com/restep-eco/Restep>

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Ref. Des.	Manufacturer	Manufacturer Part Number	Description	Quantity
C4, C9, C13, C14, C17, C18, C19, C21, C22, C23	Kemet	C0603C104K5RACAUTO	CAP CER 0.1UF 50V X7R 0603	10
N/A	McMasterCarr	8859K481	Ultra-Formable 260 Brass, 1 Foot Long Rod, 1/32" Diameter	10
R7, R8, R9, R11, R12, R16, R17	Vishay	CRCW06030000ZSTA	RES SMD 0 OHM JUMPER 1/10W 0603	7
R3, R4, R6, R14, R15	Stackpole	RNCP0603FTD10R0	RES 10 OHM 1% 1/8W 0603	5
N/A	McMasterCarr	8965K36	Super-Conductive 101 Copper Rod, 5/32" Diameter	3
R21, R23	Vishay	CRCW0805215RFKEA	RES SMD 215 OHM 1% 1/8W 0805	2
R24, R25	Vishay	CRCW0805182RFKEA	RES SMD 182 OHM 1% 1/8W 0805	2
R18, R20	Vishay	CRCW0805174RFKEA	RES SMD 174 OHM 1% 1/8W 0805	2
N/A	McMasterCarr	93580A115	Press-Fit Studs, 18-8 Stainless Steel, 4-40 Thread, 3/8" Long, PEM® Fhs440-6	2
N/A	McMasterCarr	91075A234	Male-Female Threaded Hex Standoff, 18-8 Stainless Steel, 3/16" Hex, 5/8" Long, 4-40 to 4-40 Thread	2

RESTEP PV MODULE BILL OF MATERIALS

6/4/2021

N/A	McMasterCarr	96278A005	18-8 Stainless Steel Locknut with External-Tooth Lock Washer, 4-40 Thread Size	2
J2-1	NorComp	680M13W3103L401	CONN D-SUB PLUG 13POS PNL MNT	1
D2	CREE	CLX6F-FKC-CNP1ST1E1BB7D3D3	LED RGB 6PLCC SMD	1
R2	Bourns	CRE2512-FZ-R004E-2	RES 0.004 OHM 1% 2W 2512	1
U1	Texas Instruments	INA230AIRGTR	IC CURRENT SHUNT MONITOR 16QFN	1
D1	Diodes Inc.	SBR10B45P5-7	DIODE SBR 45V 10A POWERDI5	1
U3	Texas Instruments	SN74LV8153PWR	IC SERIAL-PARALLEL INTRF 20TSSOP	1
C5	Kemet	C1206C475K5PACTU	CAP CER 4.7UF 50V X5R 1206	1
J2-2	NorComp	680M13W3203L401	CONN D-SUB RCPT 13POS PNL MNT	1
J1	Amphenol	T70243500000G	TERM BLK 2P SIDE ENT 7.62MM PCB	1
N/A	Leader Tech	TGF10-07870787-020	THERM PAD 199.9MMX199.9MM GRAY	1
C1, C2, C3, C6, C7, C8, C11, C12, C15, C16, C20, J3, J4, R1, R5, R10, R13, R19, R22, U2, U4	DNP	DNP		21