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

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Ref. Des.	Manufacturer	Manufacturer Part Number	Description	Quantity
2C3, 2C5, 2C8, 2C9, 2C10, 2C13, 2C14, 2C15, C1, C12, C13, C14, C15, C16, C17, C23, C24, C26, C30, C40, C47, C48, C49, C50, C51, C52, C54, C57, C59, C60, C61, C64, C65	Murata	GRM188R71H104KA93D	CAP CER 0.1UF 50V X7R 0603	33
J1, J2, J4, J6, J7, J9, J10, J11, J12, J13, J14, J16, J18, J19, J20, J21	Harwin	S2761-46R	PC TEST POINT NATURAL	16
2R3, 2R4, 2R5, 2R6, 2R7, 2R8, 2R9, 2R10, R27, R44, R61, R62, R64, R71, R80	Vishay	CRCW06030000Z0EA	RES SMD 0 OHM JUMPER 1/10W 0603	15
	McMasterCarr	8859K481	Ultra-Formable 260 Brass, 1 Foot Long Rod, 1/32" Diameter	10
R5, R6, R10, R11, R14, R15, R22, R34, R69	Stackpole	RMCF0603FT10K0	RES 10K OHM 1% 1/10W 0603	9

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C11, C21, C25, C31, C42, C43, C44, C45, C46	Kemet	C0603C220J5GACTU	CAP CER 22PF 50V COG/NP0 0603	9
R1, R7, R24, R63, R66, R67, R70, R90	Stackpole	RNCP0603FTD10R0	RES 10 OHM 1% 1/8W 0603	8
R2, R3, R37, R50, R51, R52	Stackpole	RMCF0603FT20K0	RES 20K OHM 1% 1/10W 0603	6
	McMasterCarr	93580A115	Press-Fit Studs, 18-8 Stainless Steel, 4-40 Thread, 3/8" Long, PEM® Fhs440-6	6
	McMasterCarr	96278A005	18-8 Stainless Steel Locknut with External-Tooth Lock Washer, 4-40 Thread Size	6
C22, C53, C66, C67, C72	Kemet	C1206C106K8RACTU	CAP CER 10UF 10V X7R 1206	5
C6, C7, C8, C9, C56	Kemet	C1206C475K5PACTU	CAP CER 4.7UF 50V X5R 1206	5
R16, R39, R53, R54	Vishay	TNPW080548K7BEEA	RES 48.7K OHM 0.1% 1/5W 0805	4
R32, R33, R35, R36	Stackpole	RMCF0603FT2K00	RES 2K OHM 1% 1/10W 0603	4
C3, C4, C36	Kemet	C1812C335K1RAC7800	CAP CER 3.3UF 100V X7R 1812	3
R4, R65, R73	Vishay	CRCW08051R00FKEA	RES SMD 1 OHM 1% 1/8W 0805	3
R31, R76, R77	Vishay	CRCW0805215RFKEA	RES SMD 215 OHM 1% 1/8W 0805	3
R56, R57, R58	Vishay	TNPW06033K16BEEA	RES 3.16K OHM 0.1% 1/8W 0603	3
R13, R17, R46	Stackpole	RNCS0603BKE1K00	RES 1K OHM 0.1% 1/16W 0603	3
	McMasterCarr	8965K36	Super-Conductive 101 Copper Rod, 5/32" Diameter	3
C10, C55	Rubycon	50PEV100M10X10.5	CAP ALUM POLY HYB 100UF 50V SMD	2
R38, R86	Stackpole	RNCP0603FTD49R9	RES 49.9 OHM 1% 1/8W 0603	2
D6, D9	On Semi	BAT54CLT1G	DIODE ARRAY SCHOTTKY 30V SOT23-3	2
D4, D7	Texas Instruments	TL4051A12IDBZR	IC VREF SHUNT 0.1% SOT23-3	2
2R1, 2R2	Vishay	CRCW060322R0JNEA	RES SMD 22 OHM 5% 1/10W 0603	2
2RV1, 2RV2	Bourns	CG0603MLC-05E	VARISTOR 0603	2
C18, C41	Murata	GRM188R71A105KA61J	CAP CER 1UF 10V X7R 0603	2
C2, C35	AVX	12061C104KAT4A	CAP CER 0.1UF 100V X7R 1206	2
R79, R81	Vishay	CRCW0805182RFKEA	RES SMD 182 OHM 1% 1/8W 0805	2
R72, R74	Vishay	CRCW0805174RFKEA	RES SMD 174 OHM 1% 1/8W 0805	2
R59, R60	Vishay	TNPW06033K57BEEA	RES 3.57K OHM 0.1% 1/8W 0603	2
R8, R9	Vishay	CRCW06031M00JNEA	RES SMD 1M OHM 5% 1/10W 0603	2

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			Male-Female Threaded Hex Standoff, 18-8 Stainless Steel, 3/16" Hex, 5/8" Long, 4-40 to 4-40 Thread	
	McMasterCarr	91075A234		2
C34, C63	Kemet	C0603C221J5GACTU	CAP CER 220PF 50V C0G/NP0 0603	2
2J2	Amphenol	T70243500000G	TERM BLK 2P SIDE ENT 7.62MM PCB	1
C20	Kemet	C0603C471K5GACTU	CAP CER 470PF 50V C0G/NP0 0603	1
C68	Kemet	C0603C222K5RACTU	CAP CER 2200PF 50V X7R 0603	1
C62	Kemet	C0603C683K3RACTU	CAP CER 0.068UF 25V X7R 0603	1
L3	Coilcraft	MLC1555-551ML	Fixed Inductors 550nH Shld 20% 22.3A 1.48mOhm AECQ2	1
L6	Coilcraft	MSS1048-473	Fixed Inductors 47uH Shld 20% 2.42A 109.9mOhms	1
L5	Coilcraft	MSS5121-332	Fixed Inductors 3.3uH Shld 20% 2.3A 70mOhms AECQ2	1
L2	Coilcraft	SER2918H-153KL	Fixed Inductors 15uH Shld 20% 28A 2.86mOhms AECQ2	1
R12	Stackpole	RMCF0603FT499R	RES 499 OHM 1% 1/10W 0603	1
D3	On Semi	MMBD914LT3G	DIODE GP 100V 200MA SOT23-3	1
2J3-1	NorComp	680M13W3103L401	CONN D-SUB PLUG 13POS PNL MNT	1
U4	Atmel	ATMEGA32U4-AUR	IC MCU 8BIT 32KB FLASH 44TQFP	1
C58	Kemet	C0603C103J3GACTU	CAP CER 10000PF 25V C0G/NP0 0603	1
U7	On Semi	CAT24C256WI-GT3	IC EEPROM 256KBIT I2C 1MHZ 8SOIC	1
D10	CREE	CLX6F-FKC-CNP1ST1E1BB7D3D3	LED RGB 6PLCC SMD	1
Q3	On Semi	FDMC8030	MOSFET 2N-CH 40V 12A 8POWER33	1
U5	STMicroelectronics	LDL1117S50R	IC REG LINEAR 5V 1.2A SOT223	1
U1	Diodes Inc.	LM2903AQS-13	IC COMP DUAL DIFFERENTIAL 8SO	1
D2	On Semi	MMBZ5247BLT1G	DIODE ZENER 17V 225MW SOT23-3	1
U6	On Semi	NCP3020ADR2G	IC REG CTRLR BUCK 8SOIC	1
L1	Coilcraft	PFL2510-151ME	Fixed Inductors 150nH Shld 20% 2.9A 36mOhms	1
D1	Diodes Inc.	SDT5H100P5-7	DIODE SCHOTTKY 100V 5A POWERDI 5	1

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Q2	Vishay	SI1926DL-T1-GE3	MOSFET 2N-CH 60V 0.37A SOT363	1
U9	Texas Instruments	SN74LV8153PWR	IC SERIAL-PARALLEL INTRF 20TSSOP	1
Q1	Vishay	SQJA92EP-T1_GE3	MOSFET N-CH 80V 57A PPAK SO-8	1
R88	Vishay	RNCF0603BTE887R	RES 887 OHM 1/10W 0.1% 0603	1
R82	Vishay	RNCS0603BKE221R	RES 221 OHM 0.1% 1/16W 0603	1
R85	Vishay	RNCF0603BKE8K25	RES SMD 8.25KOHM 0.1% 1/10W 0603	1
R75	Panasonic	RNCS0603BKE4K99	RES 4.99K OHM 0.1% 1/16W 0603	1
Y1	TXC	AM-16.000MAGE-T	CRYSTAL 16.0000MHZ 12PF SMD	1
2J3-2	NorComp	680M13W3203L401	CONN D-SUB RCPT 13POS PNL MNT	1
SW1	Littlefuse	MDSM-4R-7-13	SWITCH REED SPST-NO 350MA 140V	1
L4	Coilcraft	PFL2510-221	Fixed Inductors 220nH Shld 20% 2.5A 47mOhms	1
D8	Microchip	LM4040CYM3-4.1-TR	IC VREF SHUNT 0.5% SOT23-3	1
U2	Texas Instruments	LM5022QDGSRQ1	IC REG CTRLR BOOST/SEPIC 10VSSOP	1
R18	Vishay	TNPW060342K2BEEA	RES 42.2K OHM 0.1% 1/8W 0603	1
R20	Vishay	WSHM2818R0200FEA	RES 0.02 OHM 1% 7W 2818	1
R78	Vishay	CRCW06032K80FKEA	RES SMD 2.8K OHM 1% 1/10W 0603	1
R25	Vishay	CRCW06031K47FKEA	RES SMD 1.47K OHM 1% 1/10W 0603	1
R28	Vishay	TNPW06031K30BEEA	RES 1.3K OHM 0.1% 1/8W 0603	1
R19	Vishay	TNPW06031K69BEEA	RES 1.69K OHM 0.1% 1/8W 0603	1
R29	Stackpole	RNCS0603BKE681R	RES 681 OHM 0.1% 1/16W 0603	1
C29	Kemet	C0603C302J5GAC7867	CAP CER 3000PF 50V NP0 0603	1
C27	Kemet	C0603C154K8RACTU	CAP CER 0.15UF 10V X7R 0603	1
U8	Microchip	TCN75AVOA713	SENSOR DIGITAL -40C-125C 8SOIC	1
D5	Lite-On	LTST-C191KGKT	LED GREEN CLEAR SMD	1
U3	On Semi	NCS20071SN2T1G	IC OPAMP GP 1 CIRCUIT 5TSOP	1
R43	Vishay	TNPW06031K10BEEA	RES 1.1K OHM 0.1% 1/8W 0603	1
2J5	Amphenol	10118194-0001LF	CONN RCPT USB2.0 MICRO B SMD R/A	1
2J4	Amphenol	UE27AC5410H	CONN RCPT USB2.0 TYPEA 4POS R/A	1
N/A	Littlefuse	0997003.WXN	FUSE AUTO 3A 58VDC BLADE MINI	1
F1	Keystone	3588	FUSE HOLDER BLADE 500V 20A SMD	1

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J8	Samtec	HW-12-09-L-D-448-SM	CONN HDR 24POS 0.1 STACK SMD	1
N/A	Leader Tech	TGF10-07870787-020	THERM PAD 199.9MMX199.9MM GRAY	1
J3	Harwin	M20-8760342	CONN HEADER SMD 6POS 2.54MM	1
J15	Harwin	M20-8760442	CONN HEADER SMD 8POS 2.54MM	1
2C1, 2C2, 2C4, 2C6, 2C7, 2C11, 2C12, 2J1, 2R11, C5, C19, C28, C32, C33, C37, C38, C39, R21, R23, R26, R30, R40, R41, R42, R45, R47, R48, R49, R55, R68, R83, R84, R87	DNP	DNP		33