Part Lister output for SMART-HVAC_BASE_V1
Generated on Thursday, March 17, 2022

#	QTY	DEVICE	PKG_TYPE	VALUE
1	4	APACITOR_0805 CAP_SMD_0805		0.1uF
2	4	CAP_NP	CAPC2013X100N	0.1uF
3	3	CAP_NP	CAPC2013X100N	1uF
4	2	CAP_NP	CAPC2013X100N	0.1uF
5	2	CAP_NP	CAPC2013X100N	22pF
6	1	CAP_POL	CAPAE530W610HN	47uF
7	15	LED_SMD_RED	LEDC3216X110N	
8	2	SMBJ12CA	SMB	3.3
9	1	DIP_SW8	DIPSW16	
10	1	DIP_SW4	DIPSW8	
11	4	FUSE-STD,FUSE1206	1206MIL	
12	1	FUSE-STD	FUSE-STD	
13	2	HOLE_VICTORIA_4_5MM	HOLE_VICTORIA	
14	3	PY-TB2EDGCR-5_0-2P	PALYOO_DEGSON_PY-TB2EDGCR-5_0_2P	
15	1	PY-TB2EDGCR-5_0-3P	PALYOO_DEGSON_PY-TB2EDGCR-5_0_3P	
16	2			
17	1	HEADER_POL_3X2 HEADER6-POL		
18	1	BDM_6PIN BDM_6PIN		
19	5	AZ921	RLY AZ921	
20	1	PUSH BOTTON	PUSH BOTTON 240X240	
21	1	HLK-PM12	HLK-PM3W	
22	4	RES_SMD_0805	RES_SMD_0805	2.2K
23	9	RES SMD 0805	RES SMD 0805	,1K
24	4	RES SMD 0805	RES SMD 0805	10
25	1	RES SMD 0805	RES_SMD_0805	330
26	4	RES SMD 0805	RES SMD 0805	10K
27	6	RES SMD 0805	RES SMD 0805	470
28	3	RES SMD 0805	RES_SMD_0805	330
29	4	RESISTOR_SMD_1206	RES SMD 1206	10
30	1	RESISTOR	RES_SMD_0805	
31	1	RESISTOR	RES SMD 0805	
32	13	RESISTOR	RES_SMD_0805	
33	3	RES_SMD_0805	RES_SMD_0805	100K
34	3	TEST_POINT_STD	TPCW60D250H460P	
35	2	TVS	0805,DO-214AC	
36	1	P10V275	VAR P10V275	
37	1	MKE04Z128VLD4	QFP44 SOT389-2	
38	1	TD521D485H-E	RS485-TD521D485H-E	
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		_		
39 40 41	1 4 2	ULN2003A_SOIC16 FODM2705 SM712	ON_SOIC_16 SOIC254P700X220-4N SOT23-3	

42	1	SN65HVD3085ED_RS485_8SMD_5V	SOIC8NB	
43	1	MC7805_TO220-UP	TO-220-UP	
44	1	B0505S-W2R2	MORNSUN_B_SW2R2	
45	1	XTAL_8MHZ_HC49S	XTAL_HC49SMT	8Mhz

## Bill of Materials (BOM)- Lista de Mater

PART_NUMBER	MANUFACTURE	REFDES	Unit	Price
CAP-0805-0.1uF		C1-C4	USD	0.100
C0805C104K5RAC		C7,C12,C13,C20	USD	0.130
C0805C105K3RAC		C8,C15,C16	USD	0.990
C0805C104K3RAC		C9,C10	USD	0.130
C0805C220D5GAC		C18,C19	USD	0.530
VE-470M1CTR-0505		C21	USD	0.170
LTST-C230EKT		D2-D6,D11-D14,D17-D22	USD	0.193
SMBJ12CA		D15,D16	USD	0.480
DIPSW8		DS1	USD	5.790
DIP-SW-4		DS2		
PTS120660V010	,LittlelFuse	F1-F4	USD	0.210
FUSE-HOLDER_5x20		F5	USD	3.120
HOLE		H1,H2	USD	-
PY-TB2EDGCR-5.0-2P		J1-J3		
PY-TB2EDGCR-5.0-3P		J4		
PY-TB2EDGCR-5.0-8P	PAYLOO - DEGSON	J5,J6		
HEADER6-POL		J7	USD	0.320
HD-R6		J8	USD	1.400
AZ921-12V		K1-K5	USD	4.000
PUSH_BOTTON_240X240		PB1	USD	0.420
HLK-PM12		PS1		
0805-2.2K		R1,R2,R32,R57	USD	0.170
0805-1K		R6-R10,R31,R46,R54,R55	USD	0.501
0805-10		R11,R15,R19,R23		
0805-330		R12		
0805-10K		R13,R17,R21,R25		
0805-470		R14,R18,R22,R26,R33,R36		
805-330		R16,R20,R24		
1206-10		R27-R30		
CRCW080510R0FKEA		R35		
CRCW08051M00FKEA		R37		
CRCW080510K0FKEA		R38-R45,R47-R50,R56		
0805-100K		R51-R53		
TEST_PONT		TP1-TP3		
1SMA5918BT3G		TVS2,TVS3		
P10V275		TVS4		
MKE04Z128VLD4		U1		
TD521D485H-E	MORNSUN	U2		
ULN2003ADR2G		U3		
FODM2705		U4-U7		
SM712-02HTG		U8,U10		

SP485ECN-L/TR	U9	
MC7805CT	U11	
B0505S-W2R2	U12	
ABLS-8.000MHZ-B4-T	X1	

## iales

Total Price	Datashhet
USD 0.400	https://www.mouser.com/datasheet/2/212/KEM_C1023_X7R_AUT
USD 0.520	https://www.mouser.do/datasheet/2/212/KEM_C1002_X7R_SMD-1
USD 2.970	https://www.mouser.do/datasheet/2/212/KEM_C1002_X7R_SMD-1
USD 0.260	https://www.mouser.do/datasheet/2/212/KEM_C1002_X7R_SMD-1
USD 1.060	https://www.mouser.do/datasheet/2/212/KEM_C1003_C0G_SMD-:
USD 0.170	https://www.mouser.do/datasheet/2/231/lelos00071 1-2271821.p
USD 2.895	https://www.mouser.do/datasheet/2/239/liteon_LTST-C230EKT-11
USD 0.960	https://www.mouser.do/datasheet/2/240/Littelfuse_TVS_Diode_SN
USD 5.790	https://www.te.com/usa-en/product-2-1437603-7.html
USD -	
USD 0.840	https://www.mouser.do/datasheet/2/87/eaton_pts1206_6_60_vol
USD 3.120	https://www.mouser.com/datasheet/2/240/658_659_660_LF_0505
USD -	
USD 0.320	https://www.mouser.com/datasheet/2/181/M20 107-1132643.pdf
USD 1.400	https://www.mouser.com/datasheet/2/276/3/0307005060_PCB_H
USD 20.000	https://www.azettler.com/pdfs/az921.pdf
USD 0.420	https://www.mouser.com/datasheet/2/122/ecx_32-1888651.pdf
USD -	
USD 0.680	https://www.mouser.com/datasheet/2/315/AOA0000C331-114187
USD 4.509	https://www.mouser.com/datasheet/2/54/chp_a-1858677.pdf
USD -	

USD	-	
USD	-	
USD	-	
USD	-	
USD	46.314	

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