

TITLE: Bill of Materials  
 DATE: 01/17/2022  
 DESIGN: max22514\_evkit\_a  
 VARIANT:newvariant

NOTE: DNI--> DO NOT INSTALL(PACKOUT) ; DNP--> DO NOT PROCURE

ITEM	REF_DES	DNI/DNP	QTY	MFG PART #	MANUFACTURER	VALUE
1	C1	-		CGA3EANP0	TDK	0.01UF
2	C2	-		UMK107AB7	TAIYO YUDEI	1UF
3	C3, C5, C8	-		CL05B105KQ	SAMSUNG E	1UF
4	C4	-		C3216X5R1H	TDK	6.8UF
5	C6, C7	-		C0402C180J5	KEMET;MUR	18PF
6	C9	-		GCL188R71H	MURATA;ML	0.1UF
7	C10, C11	-		C0402X7R50	VENKEL LTD;	330PF
8	C12, C20, C21	-		GRM155R71	MURATA	0.1UF
9	C13, C24, C25	-		ZRB15XR61A	MURATA;SAI	4.7UF
10	C14	-		C0603C105K4	KEMET;TDK;	1UF
11	C15	-		KTS250B336	NIPPON CHEI	33UF
12	C16	-		GRM155R71	MURATA	3300PF
13	C17	-		EMK107B71C	TAIYO YUDEI	1UF
14	C18	-		GRM21BR61	MURATA;PAI	10UF
15	C19	-		C0603X7R1A	TDK;MURAT	0.01UF
16	DS1	-		LGL29K-G2J1	OSRAM	LGL29K-G2J1
17	J1	-		TSW-104-07	SAMTEC	TSW-104-07
18	J3	-		TSW-102-07	SAMTEC	TSW-102-07
19	J6, J10	-		TSW-103-07	SAMTEC	TSW-103-07
20	J9	-		ZX62D-AB-5F	HIROSE ELEC	ZX62D-AB-5F
21	L1	-		VLCF4020T-2	TDK	27UH
22	L2	-		LPS6235-333	COILCRAFT	33UH
23	L3	-		BLM21AG60	MURATA	600
24	MISC1	-		68784-0001	MOLEX	68784-0001
25	R1	-		CRCW06031C	VISHAY;PAN	10K
26	R2, R4, R7, R8	-		RC0402FR-07	YAGEO PHIC	10K
27	R3	-		CRCW06031I	VISHAY; PAN	1K
28	R5	-		ERJ-3EKF412	PANASONIC	412K
29	R6	-		ERJ-3EKF732	PANASONIC	73.2K
30	R8	-		ERJ-2RKF15C	PANASONIC	15K
31	R11	-		RC0402FR-07	YAGEO	2.2K
32	R12	-		ERA-2AEB12	PANASONIC	12K
33	R13	-		CRCW04028C	VISHAY DALE	806
34	R14, R25, R26	-		ERJ-2RKF22C	PANASONIC	220
35	R32, R33	-		ERJ-1GNF27	PANASONIC	27
36	SU1-SU8	-		S1100-B;SX1	KYCON;KYCO	SX1100-B
37	SW1	-		219-10MST	CTS	219-10MST

38	TP1, TP3-TP5	-	5	5010	KEYSTONE	N/A
39	TP6	-	1	571-0500	DELTRON	571-0500
40	TP7	-	1	571-0100	DELTRON	571-0100
41	TP9-TP11	-	3	5011	KEYSTONE	N/A
42	TP13-TP17, T-	-	8	5014	KEYSTONE	N/A
43	U1	-	1	MAX22514A	MAXIM	MAX22514A
44	U2	-	1	MAX17501E	MAXIM	MAX17501E
45	U3	-	1	93LC66BT-I/	MICROCHIP	93LC66BT-I/
46	U4	-	1	FT2232HL	FUTURE TEC	FT2232HL
47	Y1	-	1	ABM7-12.00	ABRACON	12MHZ
48	PCB	-	1	MAX22514	MAXIM	PCB
49	D1-D3	DNP	0	SMM4F33A	ST MICROELI	33V
50	J7	DNP	0	09 0431 212	BINDER	09 0431 212
51	U5	DNP	0	ARDUINO_U	ARDUINO	ARDUINO_U
52	VR1	DNP	0	VC060326A5	AVX	VC060326A5

TOTAL

99

DESCRIPTION COMMENTS

CAP; SMT (0

CAP; SMT (0

CAP; SMT (0

CAP; SMT (1

CAP; SMT (0

CAP; SMT (0

CAP; SMT (0

CAP; SMT (0

CAP; SMT (0

CAP; SMT (0

CAP; SMT (2

CAP; SMT (0

CAP; SMT (0

CAP; SMT (0

CAP; SMT (0

DIODE; LED; :

EVKIT PART-

CONNECTOR

CONNECTOR

CONNECTOR

INDUCTOR; S

INDUCTOR; S

INDUCTOR; S

CONNECTOR

RES; SMT (0

RES; SMT (0

RES; SMT (0

RES; SMT (0

RES; SMT (0

RES; SMT (0

RES; SMT (0

RES; SMT (0

RES; SMT (0

RES; SMT (0

RES; SMT (0

TEST POINT;

SWITCH; SPS

TEST POINT;  
CONNECTOR  
CONNECTOR  
TEST POINT;  
TEST POINT;  
EVKIT PART -  
IC; CONV; UL  
IC; EPROM; 4  
IC; MMRY; DI  
CRYSTAL; SM  
PCB:MAX225 -  
DIODE; TVS;  
CONNECTOR  
MODULE; AR  
VARISTOR; T