

TITLE: Bill of Materials  
 DATE: 09/04/2021  
 DESIGN: max25603\_evkit\_a  
 VARIANT:dni

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

ITEM	REF_DES	DNI/DNP	QTY	MFG PART #	MANUFACTURER	VALUE
	1 AGND, DRL+, -			22 9020 BUSS	WEICO	WIRE MAXIMPAD
	2 C1, C5, C17, (-			4 GCJ188R71H	MURATA;	ML 0.1UF
	3 C2, C3, C18-C-			6 CGA5L3X7R1	TDK;KEMET	4.7UF
	4 C4	-		1 EEH-ZC1J680	PANASONIC	68UF
	5 C6, C16, C21 -			3 8850122060	WURTH ELE	0.1UF
	6 C7	-		1 C1608X5R1E	TDK;TAIYO YI	2.2UF
	7 C8	-		1 CGA3E2C0G2	TDK;MURAT	1000PF
	8 C10, C31, C3:-			3 GCJ188R72A	MURATA	0.1UF
	9 C12	-		1 GMK107B71	TAIYO YUDEI	0.1UF
	10 C13-C15, C36-			9 GRM1885C1	MURATA;TD	1000PF
	11 C23, C24	-		2 C0603C222J5	KEMET	2200PF
	12 C27	-		1 GRM32EC72	MURATA	10UF
	13 C32, C34	-		2 C1608C0G1H	TDK;TDK;MU	0.01UF
	14 C35	-		1 CGA3E2C0G1	TDK	100PF
	15 C42	-		1 C0603C471K	KEMET;AVX	470PF
	16 D1-D4, D7-D:-			10 1N4148W-7-	DIODES INCC	1N4148W-7-
	17 D10	-		1 BZX84C 5V1	FAIRCHILD SI	5.1V
	18 FLTB, VCC	-		2 5007	KEYSTONE	N/A
	19 J1, J6, J7, J1C-			5 PCC02SAAN	SULLINS	PCC02SAAN
	20 J2-J5, J8	-		5 PCC03SAAN	SULLINS	PCC03SAAN
	21 L1	-		1 FBMJ4516HM	TAIYO YUDEI	56
	22 L2	-		1 XAL5030-102	COILCRAFT	1UH
	23 L3, L9-L11	-		4 BLM31KN10	MURATA	1000
	24 L7	-		1 MSS1278-10	COILCRAFT	10UH
	25 L8	-		1 CRCW08050	VISHAY;STAC	0
	26 MTH1-MTH4 -			4 9032	KEYSTONE	9032
	27 Q1, Q3, Q8	-		3 2N7002;2N7	DIODES INCC	2N7002
	28 Q2, Q22	-		2 NVMFD5C68	ON SEMICON	NVMFD5C68
	29 Q5, Q6	-		2 SI7415DN-T1	VISHAY SILIC	SI7415DN-T1
	30 Q7	-		1 SQ2309ES-T	VISHAY SILIC	SQ2309ES-T
	31 Q9-Q11	-		3 RSR030N06F	ROHM SEMI	RSR030N06F
	32 Q12	-		1 MMBTA06-7	DIODES INCC	MMBTA06-7
	33 R1	-		1 CRCW08051	VISHAY DALE	1
	34 R2, R7, R9-R -			5 301-10K-RC	XICON	10K
	35 R3	-		1 3296W-1-10	BOURNS	10K
	36 R4, R49	-		2 ERJ-3EKF806	PANASONIC	806
	37 R5	-		1 CRCW06031	VISHAY DRAI	100

38 R6	-	1 CRCW06037! VISHAY DALE	75
39 R8, R31, R36	-	6 CRCW06031I VISHAY DALE 1M	
40 R12	-	1 RG1608P-10 SUSUMU CO	100
41 R13	-	1 CRCW06034! VISHAY DALE	49.9
42 R14, R19, R2	-	6 CRCW06030! VISHAY DALE	0
43 R15, R16, R2	-	4 CRCW06035I VISHAY DALE	5.62
44 R17, R20	-	2 ERJ-P08J1R5 PANASONIC	1.5
45 R18	-	1 CRCW06031I VISHAY DALE 1.27K	
46 R24, R25	-	2 RL1206FR-0; YAGEO	0.4
47 R28	-	1 CRCW06032I VISHAY DALE 2.49K	
48 R29	-	1 MCR03EZPF) ROHM;PANA 20K	
49 R32-R34, R3	-	5 CRCW06031I VISHAY; PAN 1K	
50 R35, R38, R4	-	3 CRCW06034I VISHAY DALE 4.22K	
51 R45	-	1 CRCW06033: VISHAY DALE 330K	
52 R46	-	1 CRCW06031: VISHAY DALE 12.1K	
53 R47	-	1 CRCW06032! VISHAY DALE 20K	
54 R48	-	1 CRCW06033! VISHAY DALE 30K	
55 R51	-	1 CRCW06030! VISHAY DRAI	0
56 RN1, RN2	-	2 ERJ-8BWFRC PANASONIC	0.024
57 RS1, RS2	-	2 ERJ-8CWFR0 PANASONIC	0.02
58 SU1	-	1 SNT-100-BK- SAMTEC	SNT-100-BK-
59 TP1	-	1 7007 KEYSTONE	7007
60 TP2	-	1 7006 KEYSTONE	7006
61 U1	-	1 MAX25603 MAXIM	MAX25603
62 PCB	-	1 MAX25603 MAXIM	PCB
63 C9, C11	DNP	0 C0603C0G50 VENKEL LTD.	1500PF
64 C22	DNP	0 C0603C101J1 KEMET;MUR	100PF
65 C25	DNP	0 CGA6M3X7S TDK;TDK;MU	4.7UF
66 C26	DNP	0 GRM32EC72 MURATA	10UF
67 C28, C29	DNP	0 C1206X7R50! VENKEL LTD;	0.022UF
68 C30	DNP	0 C3216X7R2A MURATA;TD	1UF
69 D5, D6	DNP	0 B350A-13-F DIODES INCC	B350A
70 R23	DNP	0 ERJ-3RQF3R PANASONIC	3.3

TOTAL

163

DESCRIPTION COMMENTS

EVK KIT PART

CAP; SMT (06

CAP; SMT (12

CAP; SMT (06

CAP; SMT (06

CAP; SMT (06

CAP; SMT (06

CAP; SMT (06

CAP; SMT (06

CAP; SMT (06

CAP; SMT (06

CAP; SMT (12

CAP; SMT (06

CAP; SMT (06

CAP; SMT (06

DIODE; SMT;

DIODE, ZENE

TEST POINT;

CONNECTOR

CONNECTOR

INDUCTOR; S

INDUCTOR; S

INDUCTOR; S

INDUCTOR; S

RES; SMT (06

MACHINE FA

TRAN; ; NCH;

TRAN; DUAL

TRAN; P-CHA

TRAN; AUTO

TRAN; SMAL

TRAN; NPN S

RES; SMT (06

RES; SMT (06

RESISTOR; TI

RES; SMT (06

RES; SMT (06

RES; SMT (0  
RES; SMT (0  
RES; SMT (0  
RES; SMT (0  
RES; SMT (0  
RES; SMT (0  
RES; SMT (1  
RES; SMT (0  
RES; SMT (1  
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 (1  
RES; SMT (1  
TEST POINT;  
CONNECTOR  
CONNECTOR  
EVKIT PART -  
PCB:MAX256 -  
CAP; SMT (0  
CAP; SMT (0  
CAP; SMT (1  
CAP; SMT (1  
CAP; SMT (1  
CAP; SMT (1  
DIODE; SCH;  
RES; SMT (0