

TITLE: Bill of Materials

DATE: 07/26/2019

DESIGN: max25612\_evkit\_b

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

ITEM	REF_DES	QTY	MFG PART #	MANUFACTL	VALUE
	1 C1, C19		2 GRM32ER72	MURATA;TDI	2.2UF
	2 C2, C16		2 C0402C103K	KEMET;MUR	0.01UF
	3 C3, C11-C13, C23		5 CGA6M3X7S	TDK;TDK;MU	4.7UF
	4 C6		1 C1005X5R1A	TDK	4.7UF
	5 C7, C48		2 C0402C104J4	KEMET;MUR	0.1UF
	6 C9		1 C0402X5R10	VENKEL LTD.	1UF
	7 C20		1 EKZE101ELL4	NIPPON CHEI	47UF
	8 C21		1 CGA3E3X7S2	TDK;TDK	0.1UF
	9 C50		1 C0402S471K	KEMET;MUR	470PF
	10 D1, D2		2 1N4148WS-	DIODES INCC	1N4148WS-
	11 D9		1 BAT46WJ	NXP	BAT46WJ,11
	12 FB1		1 FBMH3225H	TAIYO YUDEI	1000
	13 FLTB, ICTRL, PWMDIM, VC		4 5007	KEYSTONE	N/A
	14 GND, J3, J4, J6, LED+, LED-		7 9020 BUSS	WEICO WIRE	MAXIMPAD
	15 J1		1 PCC03SAAN	SULLINS	PCC03SAAN
	16 J2		1 PCC02SAAN	SULLINS	PCC02SAAN
	17 L1		1 XAL5030-332	COILCRAFT	3.3UH
	18 L2		1 XAL8080-103	COILCRAFT	10UH
	19 MH1-MH4		4 9032	KEYSTONE	9032
	20 N1		1 SQJQ960EL-	VISHAY	SQJQ960EL-
	21 P1		1 SI7415DN-T1	VISHAY SILIC	SI7415DN-T1
	22 R1		1 ERJ-2RKF249	PANASONIC	24.9K
	23 R2, R18		2 3296W-1-10	BOURNS	10K
	24 R5		1 CRCW04021I	VISHAY DALE	1M
	25 R6		1 ERJ-2RKF49F	PANASONIC	49.9
	26 R7		1 ERJ-2RKF237	PANASONIC	2.37K
	27 R8		1 CRCW04021I	VISHAY DALE	1K
	28 R10		1 ERJ-2RKF475	PANASONIC	475K
	29 R11, R19		2 ERJ-2RKF10C	PANASONIC	10K
	30 R13		1 CRCW04023I	VISHAY DALE	3K
	31 R14		1 CRCW04024I	VISHAY DALE	40.2K
	32 R15		1 ERJ-2RKF124	PANASONIC	12.4K
	33 R17		1 ERJ-2RKF866	PANASONIC	86.6K
	34 R22		1 ERJ-8CWFR0	PANASONIC	0.015
	35 R24		1 ERJ-8BWFR1	PANASONIC	0.1
	36 R65		1 CRCW04024I	VISHAY DALE	4.99
	37 SU1, SU2		2 SNT-100-BK-	SAMTEC	SNT-100-BK-
	38 TP1		1 7006	KEYSTONE	7006

39 TP2	1	7007 KEYSTONE	7007
40 U1	1	MAX25612AI MAXIM	MAX25612AI
41 PCB	1	MAX25612 MAXIM	PCB
TOTAL	64		

DESCRIPTION COMMENTS

CAPACITOR;

CAPACITOR;

CAPACITOR;

CAPACITOR;

CAPACITOR;

CAPACITOR;

CAPACITOR;

CAPACITOR;

CAPACITOR;

DIODE; SWT;

DIODE; SCH;

INDUCTOR; S PC SHORT

TEST POINT;

EVK KIT PART

CONNECTOR

CONNECTOR

INDUCTOR; S

INDUCTOR; S

MACHINE FA

TRAN; NCH; |

TRAN; P-CHA

RESISTOR; 0

RESISTOR; T|

RESISTOR; 0

RESISTOR; 0

RESISTOR; 0

RESISTOR; 0

RES; SMT (0

RESISTOR; 0

RESISTOR; 0

RESISTOR; 0

RESISTOR; 0

RESISTOR; 0

RESISTOR; 1

RESISTOR; 1

RESISTOR, 0

TEST POINT;

CONNECTOR

CONNECTOR  
EVKIT PART -  
PCB:MAX256 -