

TITLE: Bill of Materials  
 DATE: 11/15/2018  
 DESIGN: max25201evk  
 VARIANT:400khz\_24v\_boost

ITEM	QTY	REF DES	MAXINV	MFG PART #	MANUFACTURER	VALUE
1	13	BIAS, FSYNC	01-9020BUS	9020 BUSS	WEICO WIRE	MAXIMPAD
2	5	C1, C2, C26, C	20-0120U-EA	EEH-ZC1H12	PANASONIC	120UF
3	2	C3, C4	20-004U7-B	CGA5L3X7R1	TDK	4.7UF
4	1	C6		CGA4J3X7R1	TDK	2.2UF
5	1	C8	20-0U022-D	CGA3E2X7R2	TDK	0.022UF
6	1	C9	20-000U1-D	CGA3E3X7S2	TDK	0.1UF
7	1	C10	20-0U047-91	GCM188R71	MURATA;TD	0.047UF
8	2	C11, C12	20-0010U-C	CGA6P3X7S1	TDK	10UF
9	1	C22	20-000U1-D	CGA2B1X7R1	TDK;MURAT	0.1UF
10	1	D2	30-1N4148W	1N4148WS-7	DIODES INCC	1N4148WS-7
11	1	DS1	30-LTSTC190	LTST-C190KR	LITE-ON ELE	LTST-C190KR
12	3	J1, J2, J4	01-PBC03SA	PBC03SAAN	SULLINS	PBC03SAAN
13	1	J3	01-TSW1020	TSW-102-07	SAMTEC	TSW-102-07
14	1	L1		XAL1010-222	COILCRAFT	2.2UH
15	4	MH1-MH4	02-SOM3501	9032	KEYSTONE	9032
16	3	Q1-Q3	EQ11100000	NVMFS5C67	ON SEMICON	NVMFS5C67
17	1	R1	80-R0015-EA	PML100HZPJ	ROHM SEMI	0.0015
18	1	R2	80-0091K-24	CRCW06039	VISHAY DALE	91k
19	4	R3, R4, R11,	80-0000R-27	CRCW06030	VISHAY DALE	0
20	1	R5	80-071K5-24	RC0603FR-0	YAGEO PHYC	71.5K
21	1	R7	80-0001K-24	CRCW06031	VISHAY DALE	1K
22	1	R8	80-0010K-24	CRCW06031	VISHAY DALE	10K
23	1	R9	80-0115K-19	CRCW06031	VISHAY	115K
24	1	R10	80-04K99-24	CRCW06034	VISHAY DALE	4.99K
25	1	R14	80-0020R-24	CRCW06032	VISHAY DALE	20
26	3	SU1-SU3	02-JMPSNT1	SNT-100-BK-	SAMTEC	SNT-100-BK-
27	1	U1	00-SAMPLE-C	MAX25201A	MAXIM	MAX25201A
TOTAL	57					

DESCRIPTION NOTES

EVK KIT PART

CAP; SMT (C

CAPACITOR;

CAPACITOR;

CAPACITOR;

CAPACITOR;

CAPACITOR;

CAPACITOR;

CAPACITOR;

DIODE; SWT;

DIODE; LED; I

CONNECTOR

CONNECTOR

INDUCTOR; S

MACHINE FA INSTALL IN CORNER HOLES, BOTTOM SIDE

TRAN; NCH; I

RES; SMT (1

RESISTOR; 0

RESISTOR; 0

RESISTOR; 0

RESISTOR; 0

RESISTOR; 0

RES; SMT (0

RESISTOR; 0

RESISTOR, 0

TEST POINT; INSTALL IN J1 1-2, J2 1-2, AND J3 1-2

EVKIT PART -