

TITLE: Bill of Materials

DATE: 06/14/2024

DESIGN: adpl42001_evkit_a

VARIANT:DNI

ITEM	QTY	REF DES	Var Status	MFG PART #	MANUFACTURER	VALUE	DESCRIPTION
1	2	C101, C201	Pref	EEE-FK1K100XP	PANASONIC	10UF	CAP; SMT (CASE D8); 10UF; 20%; 80V; ALUMINUM-ELECTROLYTIC
2	2	C102, C202	Pref	CC0603KRX7R0BB104; GRM188R72A104KA35; HMK107B7104KA; 06031C104KAT2A; GRM188R72A104K	YAGEO; MURATA; TAIYO YUDEN; AVX; MURATA	0.1UF	CAP; SMT (0603); 0.1UF; 10%; 100V; X7R; CERAMIC
3	1	C103	Pref	GRM21BR71A475KA73; LMK212B7475KG-T	N/A	4.7UF	CAPACITOR; SMT (0805); CERAMIC CHIP; 4.7UF; 10V; TOL=10%; TG=-55 DEGC TO +125 DEGC; CUSTOMIZE FOOTPRINT SUPPORT EVKIT REQUIREMENTS ON 0603 AND 0805
4	1	C203	Pref	GRM21BR71C475KA73; 0805YC475KAT2A; GCM21BR71C475KA73; CGA4J3X7R1C475K125AE	MURATA; AVX; MURATA; TDK	4.7UF	CAP; SMT (0805); 4.7UF; 10%; 16V; X7R; CERAMIC
5	12	EN1, EN2, GND1, GND2, GND101, GND201, PGOOD1, PGOOD2, VIN1, VIN2, VOUT1, VOUT2	Pref	9020 BUSS	WEICO WIRE	MAXIMPAD	EVK KIT PARTS; MAXIM PAD; WIRE; NATURAL; SOLID; WEICO WIRE; SOFT DRAWN BUS TYPE-S; 20AWG
6	2	JU101, JU201	Pref	GRP8031VWVN-RC	SULLINS ELECTRONICS CORP.	GRP8031VWVN-RC	CONNECTOR; MALE; THROUGH HOLE; 0.050 SINGLE ROW MALE HEADER CONNECTOR; STRAIGHT; 3PINS; -40 DEGC TO +105 DEGC
7	6	JU102-JU104, JU202-JU204	Pref	GRP8021VWVN-RC	SULLINS ELECTRONICS CORP.	GRP8021VWVN-RC	CONNECTOR; MALE; THROUGH HOLE; 0.050 SINGLE ROW MALE HEADER CONNECTOR; STRAIGHT; 2PINS; -40 DEGC TO +105 DEGC
8	4	MH1-MH4	Pref	9032	KEYSTONE	9032	MACHINE FABRICATED; ROUND-THRU HOLE SPACER; NO THREAD; M3.5; 5/BIN; NYLON
9	1	R101	Pref	CRCW0402432KFK	VISHAY DALE	432K	RES; SMT (0402); 432K; 1%; +/-100PPM/DEGC; 0.0630W
10	2	R102, R202	Pref	CR0402-16W-5902FT; CRCW040259K0FK	VENKEL LTD.; VISHAY DALE	59K	RES; SMT (0402); 59K; 1%; +/-100PPM/DEGC; 0.0630W
11	1	R103	Pref	CRCW0402267KFK	VISHAY DALE	267K	RES; SMT (0402); 267K; 1%; +/-100PPM/DEGC; 0.0630W
12	2	R105, R205	Pref	ERJ-2RKF1003	PANASONIC	100K	RES; SMT (0402); 100K; 1%; +/-100PPM/DEGC; 0.1000W
13	1	R201	Pref	ERJ-2RKF6983	PANASONIC	698K	RES; SMT (0402); 698K; 1%; +/-100PPM/DEGC; 0.1000W
14	1	R203	Pref	CRCW0402348KFK	VISHAY DALE	348K	RES; SMT (0402); 348K; 1%; +/-100PPM/DEGC; 0.0630W
15	1	R204	Pref	CRCW04021M13FK	VISHAY	1.13M	RES; SMT (0402); 1.13M; 1%; +/-100PPM/DEGC; 0.0630W
16	1	R206	Pref	ERJ-2RKF7152	PANASONIC	71.5K	RES; SMT (0402); 71.5K; 1%; +/-100PPM/DEGC; 0.1000W
17	1	R207	Pref	RC0402FR-071KL; MCR01MZPF1001	YAGEO; ROHM SEMICONDUCTOR	1K	RES; SMT (0402); 1K; 1%; +/-100PPM/DEGC; 0.0630W
18	8	SH101-SH104, SU201-SU204	Pref	NPB02SVAN-RC	SULLINS ELECTRONICS CORP.	NPB02SVAN-RC	CONNECTOR; FEMALE; WIREMOUNT; MINI SHUNT; 0.050IN CC; CLOSED TOP; JUMPER; STRAIGHT; 2PINS
19	1	U101	Pref	ADPL42001AZT+	ANALOG DEVICES	ADPL42001AZT+	EVKIT PART-IC; PACKAGE OUTLINE DRAWING NO.: 21-0114; LAND PATTERN DRAWING NO.: 90-0242; SOT23-6
20	1	U201	Pref	ADPL42001ATT+	ANALOG DEVICES	ADPL42001ATT+	EVKIT PART-IC; PACKAGE OUTLINE DRAWING NO.: 21-0137; LAND PATTERN DRAWING NO.: 90-0058; TDFN6-EP
21	1	PCB	-	MAXADPL42001	MAXIM	PCB	PCB:MAXADPL42001