

TITLE: Bill of Materials  
 DATE: 09/26/2020  
 DESIGN: max78000\_fthr\_apps\_a  
 VARIANT:dnivariant

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

ITEM	REF_DES	DNI/DNP	QTY	MFG PART #	MANUFACTURER	VALUE
	1 C1, C3, C6, C7	-	21	GRM033R61	MURATA;TDK	0.1UF
	2 C2, C17, C18, C19	-	20	C0402C105K1	KEMET;YAGEO	1UF
	3 C4, C8	-	2	GMK107BJ1C	TAIYO YUDEI	1.0UF
	4 C5	-	1	C1608X8R1E	TDK	0.1UF
	5 C11	-	1	GRM21BR61	MURATA	47UF
	6 C15, C19, C20	-	3	CL10A226MC	SAMSUNG E	22UF
	7 C16	-	1	GRM155R71	MURATA	3300PF
	8 C21	-	1	GRM033R61	MURATA	2.2UF
	9 C22, C23, C24	-	7	GRM033R61	MURATA	1UF
	10 C25, C26, C51	-	11	C1608X5R1A	TDK;MURATA	22UF
	11 C29	-	1	ECJ-ZEB1E22	PANASONIC	220PF
	12 C34, C37	-	2	GRM31CR60	MURATA	220UF
	13 C57, C79, C80	-	3	C0603X5R1A	TDK	0.1UF
	14 C66, C68	-	2	C1608X5R1E	TDK;TAIYO YU	2.2UF
	15 C67	-	1	C1608X5R1E	TDK;MURATA	4.7UF
	16 CN1	-	1	47346-0001	MOLEX	47346-0001
	17 D1-D3	-	3	SML-LX0404	LUMEX OPTIC	SML-LX0404
	18 J1	-	1	FTSH-105-01	SAMTEC	FTSH-105-01
	19 J5, J7	-	2	SJ-3523-SMT	CUI INC.	SJ-3523-SMT
	20 J6	-	1	475710001	MOLEX	475710001
	21 J9	-	1	S2B-PH-K-S(I	JST MANUFACT	S2B-PH-K-S(I
	22 L1	-	1	MLP2012H2F	TDK	2.2UH
	23 L3	-	1	BLM21PG22	MURATA	220
	24 L4	-	1	HZ1206C202	LAIRD TECHN	2000
	25 L5, L7	-	2	DFE201612E	MURATA	2.2UH
	26 L8, L9	-	2	7.4437E+10	WURTH ELECT	2.2UH
	27 MK1	-	1	SPH0645LM4	KNOWLES A	SPH0645LM4
	28 Q1	-	1	SSM3J327R,I	TOSHIBA	SSM3J327R,I
	29 R1	-	1	ERJ-2RKF10C	PANASONIC	1M
	30 R2, R7, R11, R12	-	11	CRCW02011C	VISHAY DALE	10K
	31 R3, R12, R17	-	4	ERJ-1GEF22C	PANASONIC	2.2K
	32 R4, R8	-	2	CRCW04022I	VISHAY DALE	2.7K
	33 R5, R9	-	2	CRCW04021I	VISHAY DALE	1.4K
	34 R6, R10	-	2	CRCW04021I	VISHAY DALE	1K
	35 R15	-	1	RK73Z1JT	KOA SPEER E	0
	36 R29	-	1	CRCW02011C	VISHAY DALE	100K
	37 R30, R32, R33	-	4	ERJ-2RKF10C	PANASONIC	10K

38 R35	-	1 ERJ-2RKF39C PANASONIC; 39K
39 R37	-	1 ERJ-2RKF383 PANASONIC 383K
40 R38	-	1 CRCW06035( VISHAY;PAN/ 56.2K
41 RT1	-	1 NCP03XH103 MURATA 10K
42 SW1-SW5	-	5 EVP-AA102K PANASONIC EVP-AA102K
43 U1	-	1 OVM7692-R' OMNIVISION OVM7692-R'
44 U2	-	1 MAX32625IV MAXIM MAX32625IV
45 U3	-	1 MAX13202E/ MAXIM MAX13202E/
46 U4	-	1 MAX78000E) MAXIM MAX78000E)
47 U5	-	1 MAX9867EW MAXIM MAX9867EW
48 U6	-	1 MAX14595E1 MAXIM MAX14595E1
49 U7	-	1 MAX20303BI MAXIM MAX20303BI
50 U8	-	1 MAX38642AI MAXIM MAX38642AI
51 U9	-	1 N01S830HAT ON SEMICON N01S830HAT
52 U10	-	1 MAX38643AI MAXIM MAX38643AI
53 U11	-	1 MAX6817EU' MAXIM MAX6817EU'
54 U12	-	1 SN74LVC1GC TEXAS INSTR SN74LVC1GC
55 Y1	-	1 SG-210STF 1 EPSON 12.2880MHZ
56 Y2, Y3	-	2 ABS07-32.76 ABRACON 32.768KHZ
57 PCB	-	1 MAX78000_ F MAXIM PCB
58 J4	DNI	1 PBC12SAAN SULLINS ELE PBC12SAAN
59 J8	DNI	1 PBC16SAAN SULLINS ELE PBC16SAAN
60 J2	DNP	0 FTSH-105-01 SAMTEC FTSH-105-01
61 J3	DNP	0 TC2050-IDC-I TAG-CONNE TC2050-IDC-I
62 R20	DNP	0 RK73Z1JT KOA SPEER E 0

TOTAL

150

DESCRIPTION COMMENTS

CAP; SMT (0

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THERMISTOF  
SWITCH; SPS  
IC; SNSR; CO  
IC; UCON; UL  
IC; PROT; 2-C  
EVKIT PART -  
IC; CODEC; U  
IC; TRANS; LI  
IC; PWRM; W  
IC; CONV; TIP  
IC; MMRY; 1  
IC; CONV; TIP  
IC; CMOS; +/  
IC; DRV; SIN  
CRYSTAL; SM  
CRYSTAL; SM  
PCB:MAX780 -  
CONNECTOR; MALE; THROUGH HOLE; BREAKAWAY; STRAIGHT; 12PINS; -65 DEGC TO +125 C  
CONNECTOR; MALE; THROUGH HOLE; BREAKAWAY; STRAIGHT; 16PINS; -65 DEGC TO +125 C  
CONNECTOR  
CONNECTOR  
RES; SMT (04



DEGC  
DEGC