

TITLE: Bill of Materials
 DATE: 08/15/2019
 DESIGN: max22200_evkit_a

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

ITEM	REF_DES	QTY	MFG PART #	MANUFACTURER	VALUE
	1 C1, C6, C8-C10	5	GRM188R71	MURATA	TD1 1UF
	2 C2, C5	2	C1608X5R1A	TDK	10UF
	3 C3, C4	2	04026D226M	AVX;SAMSUI	22UF
	4 C7	1	C1005X5R1A	TDK;TAIYO YI	0.1UF
	5 C17, C18	2	UMK105BJ22	TAIYO YUDEI	0.22UF
	6 C19	1	C1005X7S0J2	TDK;MURAT	2.2UF
	7 C20	1	C0402C105K	KEMET;YAGE	1UF
	8 C21	1	GRM155R71	MURATA	0.022UF
	9 C23	1	EEE-1HA220	PANASONIC	22UF
	10 D1, D9	2	SML-P11MT	ROHM	SML-P11MT
	11 D2-D8, D10, D13	9	SML-P11UTT	ROHM	SML-P11UTT
	12 D11	1	VS-10BQ040	VISHAY	VS-10BQ040
	13 D12	1	SML-LX0404	LUMEX OPTC	SML-LX0404
	14 J1	1	10118193-0C	FCI CONNEC	10118193-0C
	15 J2	1	FTS-105-01-I	SAMTEC	FTS-105-01-I
	16 J3, J6	2	5010	KEYSTONE	N/A
	17 J4	1	1727010	PHOENIX CO	1727010
	18 J7, J8, J13-J15	5	5011	KEYSTONE	N/A
	19 J9, J10	2	OSTVN04A1	ON-SHORE T	OSTVN04A1
	20 J11	1	PEC10DAAN	SULLINS ELE	PEC10DAAN
	21 J12	1	OSTVN08A1	ON-SHORE T	OSTVN08A1
	22 J16	1	PBC02SAAN	SULLINS ELE	PBC02SAAN
	23 L1	1	VLS201612H	TDK	2.2UH
	24 L2	1	VLS201610C	TDK	4.7UH
	25 R1	1	CR0402-16W	VENKEL LTD.	3.09K
	26 R2	1	CRCW04021I	VISHAY DALE	1.1K
	27 R3, R6-R12, R15, R20	10	CRCW04021I	VISHAY DALE	1.4K
	28 R5, R13	2	RC0402FR-0	YAGEO PHYC	1.5K
	29 R14	1	ERJ-3GEYJ10	PANASONIC	1K
	30 R17, R18	2	CRCW06031	VISHAY DALE	15K
	31 SW1	1	B3U-1000P	OMRON	B3U-1000P
	32 U1	1	MAX22200	MAXIM	MAX22200
	33 U2	1	MAX32625IT	MAXIM	MAX32625IT
	34 U3	1	MAX14750AI	MAXIM	MAX14750AI
	35 X1	1	ECS-.327-6-1	ECS INC	32.768KHZ
	36 PCB	1	MAX22200	MAXIM	PCB

TOTAL 69

DESCRIPTION COMMENTS

CAPACITOR;

CAPACITOR;

CAPACITOR;

CAPACITOR;

CAPACITOR;

CAPACITOR;

CAPACITOR;

CAPACITOR;

CAPACITOR;

DIODE; LED; GREEN LED

DIODE; LED; RED LED

DIODE; SCH;

DIODE; LED;

CONNECTOR

CONNECTOR

TEST POINT;

CONNECTOR

TEST POINT;

CONNECTOR

CONNECTOR

CONNECTOR

EVKIT PART-

INDUCTOR; S

INDUCTOR; S

RESISTOR; 0

RESISTOR, 0

RESISTOR; 0

RESISTOR; 0

RESISTOR; 0

RESISTOR, 0

SWITCH; SPS

EVKIT PART -

IC; UCON; UL

IC; PWRM; P

CRYSTAL; SM

PCB:MAX222 -