

TITLE: Bill of Materials
 DATE: 06/17/2020
 DESIGN: max16171_evkit_a
 VARIANT:open

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

ITEM	REF_DES	DNI/DNP	QTY	MFG PART #	MANUFACTL	VALUE
	1 C1, C3	-		2 C1206C104K	KEMET;TDK;	0.1UF
	2 C2	-		1 GCM31CL8E1	MURATA	2.2UF
	3 C4	-		1 MAL2146997	VISHAY	100UF
	4 GATE	-		1 5012	KEYSTONE	N/A
	5 ICGND, IN, O-	-		5 9020 BUSS	WEICO WIRE	MAXIMPAD
	6 IN1, OUT1, P-	-		4 108-0740-00	EMERSON N	108-0740-00
	7 J1	-		1 PCC03SAAN	SULLINS	PCC03SAAN
	8 MH1-MH4	-		4 9032	KEYSTONE	9032
	9 Q1	-		1 SQM70060E1	VISHAY	SQM70060E1
	10 U1	-		1 MAX16171	MAXIM	MAX16171
	11 PCB	-		1 MAX16171	MAXIM	PCB
	12 D1	DNP		0 SLD8S36A	LITTELFUSE	36V
	13 D2	DNP		0 SMA6T22AY	ST MICROELI	22V
	14 D4	DNP		0 BAV3004W-	DIODES INCC	BAV3004W-
TOTAL				22		

DESCRIPTION COMMENTS

CAPACITOR;

CAP; SMT (1;

CAP; SMT (C

TEST POINT;

EVK KIT PART

CONNECTOR

CONNECTOR

MACHINE FA

TRAN; NCH; |

EVKIT PART -

PCB:MAX161 -

DIODE; TVS;

DIODE; TVS;

DIODE; SWT;