Click here for production status of specific part numbers.

MAX25601 Evaluation Kit

Evaluates: MAX25601A

General Description

The MAX25601 evaluation kit (EV kit) provides a proven design to evaluate the MAX25601A automotive high-voltage, high-brightness LED (HB LED) boost-buck controller. The front-end pre-boost operates from a 7.7V to 18V DC supply voltage, generating a 48V output. The buck supports 12x LEDs and lower, delivering up to 1.5A to one string of LEDs. The total voltage of the string can vary from 3V to 36V.

Benefits and Features

- Configured for Pre-Boost and Buck Application
- Analog Dimming Control
- Proven PCB Layout
- Fully Assembled and Tested

***Ordering Information* appears at end of data sheet.**

Quick Start

Required Equipment

- MAX25601 EV kit
- 12V, 5A DC power supply
- A series-connected LED string rated at least 1.5A
- Oscilloscope with a current probe

Procedure

The EV kit is fully assembled and tested. Follow the steps below to verify board operation. Caution: Do not turn on power supply until all connections are made.

1) Verify that all jumpers are in their default positions, as shown in Table 1.
2) Connect the positive terminal of the 12V supply to the IN PCB pad and the negative terminal to the nearest GND PCB pad.
3) Connect the LED string across the LED+ and the nearest GND PCB pad.
4) Clip the current probe on the wire connected to the LED string.
5) Turn on the DC power supply.
6) Verify that the LEDs turn on.
7) Verify that the oscilloscope displays approximately 1A.
8) Monitor desired signals on headers J6 and J7.

319-100461; Rev 0; 10/19

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Detailed Description of Hardware

The MAX25601 evaluation kit (EV kit) provides a proven design to evaluate the MAX25601A automotive high-voltage, high-brightness LED (HB LED) boost-buck controller. The front-end pre-boost operates from a 7.7V to 18V DC supply voltage, generating a 48V output. The buck supports 12x LEDs and lower, delivering up to 1.5A to one string of LEDs. The total voltage of the string can vary from 3V to 36V.

The combination of the number of LEDs and buck switching frequency determine the required input voltage for the buck, which is the output voltage of the boost. The boost regulator supports a maximum of around 50W of output power, or ~10A when operating down to 6V input.

Analog Dimming Control (REFI)

The EV kit demonstrates the analog dimming feature of the buck controller. R1 and R2 form a resistor-divider between VCC and AGND. R1 is a 24.9kΩ resistor and R2 is a 10kΩ potentiometer, with the wiper shorted to the high side of the potentiometer. Install the shunt on J2(2-3) (see Table 1 for jumper descriptions). Using a flat-blade screwdriver, turn the wiper-adjustment pin clockwise to increase the voltage on the REFI input. Turn the wiper-adjustment pin counterclockwise to decrease the voltage on the REFI input. The REFI input allows for analog dimming of the HB LED string. A REFI input voltage of ≤ 0.2V turns off the LED driver, an input voltage between 0.2V and 1.2V provides linear dimming of the HB LED string, and an input voltage > 1.2V sets the HB LED string current to maximum current (based on the current-sense resistor).

Alternatively, the analog dimming input can be set with a power supply. Remove the shunt on J1 and connect an external power supply directly to the REFI pin J7 pin 3 to perform analog dimming with a power supply. Do not violate the absolute maximum voltage rating of VCC+0.3V (refer to the Absolute Maximum Ratings section in the MAX25601 IC data sheet).

Table 1. MAX25601 EV Kit Jumper Descriptions

JUMPER	SHUNT POSITION	DESCRIPTION
J1	1-2*	Connects DIM to a voltage-divider from VCC to ground. When DIM is above 3V, the buck regulator is fully on at 100% dim duty cycle. When DIM is between 0.2V and 3V, the buck regulator operates at a duty cycle proportional to the DIM voltage, at a frequency of 200Hz. When DIM is below 0.2V, the buck regulator is disabled.
	2-3	Connects the DIM pin to ground to disable the buck regulator.
	Open	Disconnects DIM from the voltage divider. Allows DIM to be driven by an external voltage source or PWM signal to drive the DIM pin.
J2	1-2	Connects VCC to the REFI pin. LED current is at the maximum value of 1.5A in this configuration.
	2-3*	Connects REFI to a voltage-divider from VCC to ground. Adjusting R2 allows programming the LED current from 0 to 1.5A.
	Open	Disconnects the REFI pin of the device from the external voltage-divider on the VCC pin. Allows REFI to be driven by an external voltage to set the LED current level.
J6	Open*	FLTB, RT/SYNCIN and PWM_HUD signals can be accessed.
J7	Open*	PWMDIM, IOUTV, REFI and HUD_OUT signals can be accessed.
J9	1-2	HUD dimming jumper
	Open*	Disconnects HUD dimming

**Default position.*

Pulse-Dimming Input (DIM)

The EV kit demonstrates the PWM dimming feature of the buck controller using either an external PWM signal, or a DC voltage at the DIM pin.

Analog-to-PWM dimming:

1) Install a shunt across J1 (1-2).
2) Adjust the potentiometer R18 to set a DC voltage between 0.2V and 3V on the DIM pin.

The resultant 200Hz PWM dimming duty cycle is proportional to the voltage at DIM.

Direct PWM dimming:

1) Leave J1 open and connect a PWM signal to the DIM pin on J7 pin 1.
2) Vary the duty cycle to increase or decrease the intensity of the HB LED string.

The DIM input of the device has a 2V (max) rising threshold and a 0.8V (min) falling threshold and is compatible with 3.3V and 5V logic-level signals.

Fault Indicator

The EV kit demonstrates the fault-protection features of the buck controller, which offer shorted-LED, open-LED, and overtemperature protection. The FLT output is an open-drain, active-low fault indicator. Refer to the FLT Flag section in the MAX25601 IC data sheet for more information.

Current Monitor Output

The EV kit also demonstrates the current-monitor output feature of the buck controller. Refer to the Current Monitor section in the MAX25601 IC data sheet for more information.

Table 2. PWM_HUD Control

PWM_HUD	HUD_OUT	DESCRIPTION
Low	High	External FET on. HUD disabled (LED off).
High	Low	External FET off. HUD enabled (LED on).

Ordering Information

PART	TYPE
MAX25601EVKIT#	EV Kit

External VDRV input

The EV kit demonstrates operation of the buck controller with an external VDRV input. In this case, the internal LDO is not used. Remove R35 and apply an external power supply between 4.6V and 5.5V on the VDRV PCB pad to allow switching of the device.

HUD Applications

The EV kit can also be tested for HUD applications. Remove capacitor C19 on the output. The output capacitor is now reduced to 0.1µF. Keep the DIM pin voltage above 3V for 100% operation. The LEDs can be turned on and off extremely fast by applying the PWM signal on the PWM_HUD pin on J6 pin 3. REFI should have a fixed voltage. The DIM input of the device can be synchronized to the leading edge of the PWM_HUD signal by AC coupling DIM to PWM_HUD.

Additional Boost Regulator Configuration

The boost regulator slope compensation level, load line and integrator operating mode are set by the resistor on DL2 and SYNCOUT as detailed in Table 3 and Table 4 below.

Table 3. Boost Regulator Slope Selection

DL2 RESISTOR TO PGND (R32)	DESCRIPTION
100kΩ	Larger slope comp for boost output voltages above 45V
30kΩ	Smaller slope comp for boost output voltages below 45V

Table 4. Boost Regulator Mode Selection

SYNCOUT RESISTOR TO PGND (R31)	DESCRIPTION
35kΩ	Single-Phase or Dual-Phase Master.
5kΩ	Dual-Phase Slave.

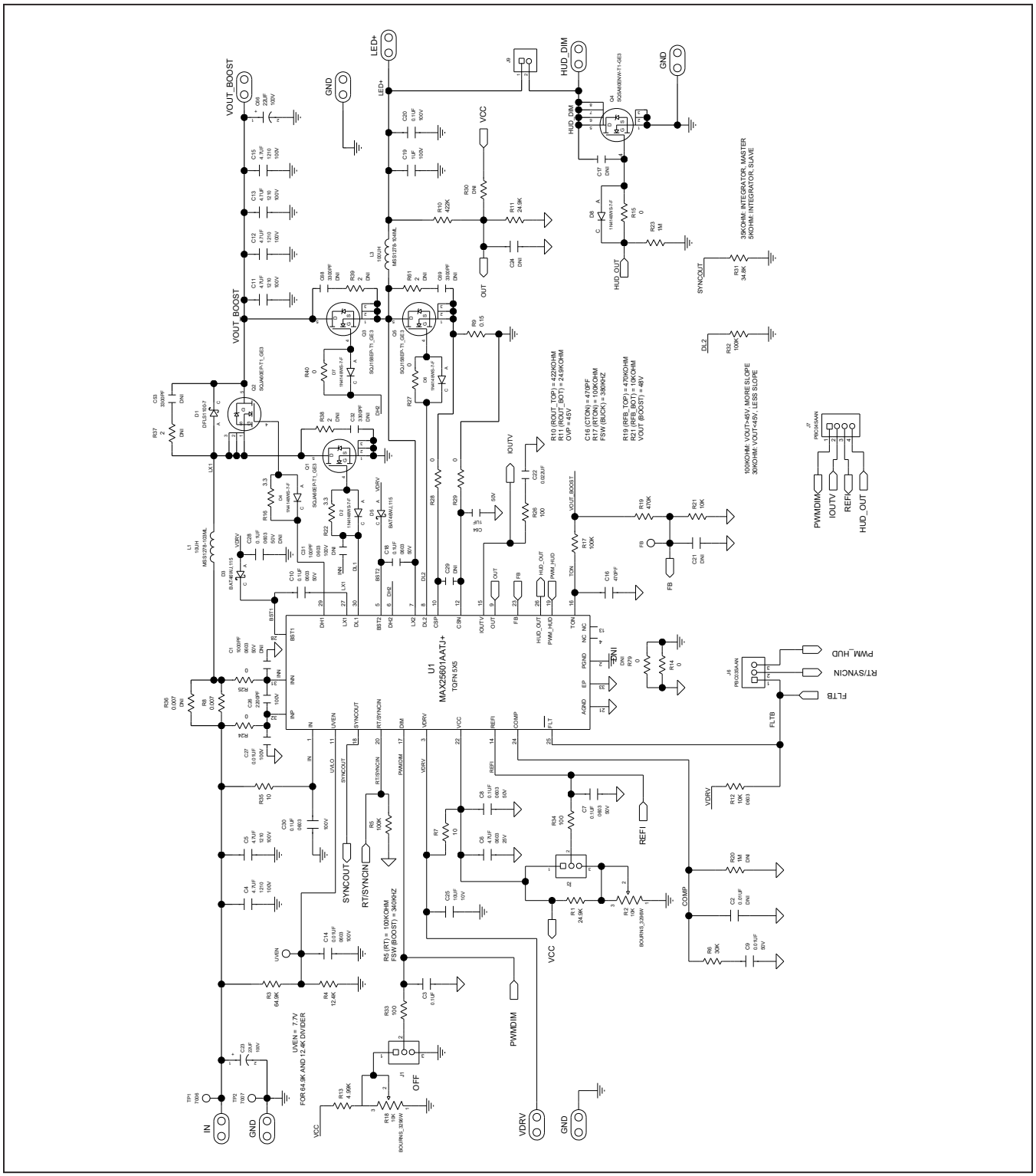
MAX25601 EV Kit Bill of Materials

ITEM	REF_DES	DNI/DNP	QTY	MFG PART #	MANUFACTURER	VALUE	DESCRIPTION	COMMENTS
1	C3, C7, C8, C10, C18	-	5	GCJ188R71H104KA12; GCM188R71H104K; CGA3E2X7R1H104K080AA	MURATA;MURATA;TDK	0.1UF	CAPACITOR; SMT (0603); CERAMIC CHIP;0.1UF; 50V;TOL=10%; TG=-55 DEGC TO +125 DEGC; TC=X7R; AUTO	
2	C4, C5, C11-C13, C15	-	6	CGA6M3X7S2A475K200AE; CGA6M3X7S2A475K200AB; GCM32DC72A475KE02	TDK;TDK;MURATA	4.7UF	CAPACITOR; SMT (1210); CERAMIC CHIP; 4.7UF; 100V; TOL=10%; TG=-55 DEGC TO +125 DEGC; TC=X7S; AUTO	
3	C6	-	1	C1608X5R1E475K080AC; GRM188R61E475KE11	TDK;MURATA	4.7UF	CAPACITOR; SMT (0603); CERAMIC CHIP; 4.7UF; 25V; TOL=10%; TG=-55 DEGC TO +85 DEGC; TC=X5R	
4	C9	-	1	C0603X7R500103JNP; C0603C103J5RAC	VENKEL LTD;KEMET	0.01UF	CAPACITOR; SMT (0603); CERAMIC CHIP; 0.01UF; 50V; TOL=5%; MODEL=X7R; TG=-55 DEGC TO +125 DEGC; TC=+/	
5	C14, C27	-	2	CGA3E2X7R2A103K; C0603C103K1RA; GRM188R72A103KA01	TDK;KEMET;MURATA	0.01UF	CAPACITOR; SMT (0603); CERAMIC CHIP; 0.01UF; 100V; TOL=10%; MODEL=X7R; TG=-55 DEGC TO +125 DEGC; TC= USE 20-00u01-M8	
6	C16	-	1	06035A471JAT2A	AVX	470PF	CAPACITOR; SMT (0603); CERAMIC CHIP; 470PF; 50V; TOL=5%; MODEL=C0G; TG=-55 DEGC TO +125 DEGC; TC=+/	
7	C19	-	1	GRM31CR72A105KA01; C3216X7R2A105K160AA; GCH31CR72A105KE01; HMK316B7105KLH	MURATA;TDK;MURATA; TAIYO YUDEN	1UF	CAPACITOR; SMT; 1206; CERAMIC; 1uF; 100V; 10%; X7R; -55 DEGC TO +125 DEGC	
8	C20	-	1	C0805C104K1RAC; C2012X7R2A104K125AA; GCM21BR72A104KA37; GRM21BR72A104KAC4; CGA4J2X7R2A104K125AA	KEMET;TDK;MURATA; MURATA;TDK	0.1UF	CAPACITOR; SMT (0805); CERAMIC CHIP; 0.1UF; 100V; TOL=10%; TG=-55 DEGC TO +125 DEGC; TC=X7R	
9	C22	-	1	C0603C223K5RAC; GRM188R71H223K; C1608X7R1H223K080AA; GCJ188R71H223KA01	KEMET;MURATA;TDK; MURATA	0.022UF	CAPACITOR; SMT (0603); CERAMIC CHIP; 0.022UF; 50V; TOL=10%; TG=-55 DEGC TO +125 DEGC; TC=X7R	
10	C23, C66	-	2	EEE-TG2A220UP	PANASONIC	22UF	CAPACITOR; SMT (CASE_F); ALUMINUM-ELECTROLYTIC; 22UF; 100V; TOL=20%; MODEL=TG SERIES; TG=-40 DEGC TO +125 DEGC	
11	C25	-	1	C1608X5R1A106K080AC	TDK	10UF	CAPACITOR; SMT (0603); CERAMIC CHIP; 10UF; 10V; TOL=10%; MODEL=; TG=-55 DEGC TO +85 DEGC; TC=X5R	
12	C26	-	1	C0603C222K1RAC	KEMET	2200PF	CAPACITOR; SMT (0603); CERAMIC CHIP; 2200PF; 100V; TOL=10%; MODEL=X7R; TG=-55 DEGC TO +125 DEGC; TC=	
13	C30	-	1	CGA3E3X7S2A104K080AB; C1608X7S2A104K080AB	TDK;TDK	0.1UF	CAPACITOR; SMT (0603); CERAMIC CHIP; 0.1UF; 100V; TOL=10%; TG=-55 DEGC TO +125 DEGC; TC=X7S	
14	C64	-	1	UMK107BJ105KA; C1608X5R1H105K080AB; CL10A105KB8NNN; GRM188R61H105KAAL	TAIYO YUDEN;TDK; SAMSUNG;MURATA	1UF	CAPACITOR; SMT (0603); CERAMIC CHIP; 1UF; 50V; TOL=10%; MODEL=_MK SERIES; TG=-55 DEGC TO +85 DEGC	
15	D1	-	1	DFLS1100-7	DIODES INCORPORATED	DFLS1100-7	DIODE; SCHOTTKY; SMT; PIV=100V; IF=1A	
16	D2, D4, D6-D8	-	5	1N4148WS-7	DIODES INCORPORATED	1N4148WS-7-F	DIODE; SWT; SMT (SOD-323); PIV=75V; IF=0.3A	
17	D3, D5	-	2	BAT46WJ	NXP	BAT46WJ,115	DIODE; SCH; SMT (SOD-323F); PIV=100V; IF=0.25A	
18	FB, UVEN	-	2	5000	KEYSTONE	N/A	TEST POINT; PIN DIA=0.1IN; TOTAL LENGTH=0.3IN; BOARD HOLE=0.04IN; RED; PHOSPHOR BRONZE WIRE SILVER PLATE FINISH;	
19	GND1-GND4, HUD_DIM, IN, LED+, VDRV, VOUT BOOST	-	9	9020 BUSS	WEICO WIRE	MAXIMPAD	EVK KIT PARTS; MAXIM PAD; WIRE; NATURAL; SOLID; WEICO WIRE; SOFT DRAWN BUS TYPE-S; 20AWG	
20	J1, J2	-	2	PCC03SAAN	SULLINS	PCC03SAAN	CONNECTOR; MALE; THROUGH HOLE; BREAKAWAY; STRAIGHT THROUGH; 3PINS; -65 DEGC TO +125 DEGC	
21	J6	-	1	PBC03SAAN	SULLINS	PBC03SAAN	CONNECTOR; MALE; THROUGH HOLE; BREAKAWAY; STRAIGHT; 3PINS; -65 DEGC TO +125 DEGC	
22	J7	-	1	PBC04SAAN	SULLINS ELECTRONICS CORP.	PBC04SAAN	CONNECTOR; MALE; THROUGH HOLE; BREAKAWAY; STRAIGHT; 4PINS; -65 DEGC TO +125 DEGC	
23	J9	-	1	PCC02SAAN	SULLINS	PCC02SAAN	CONNECTOR; MALE; THROUGH HOLE; BREAKAWAY; STRAIGHT THROUGH; 2PINS; -65 DEGC TO +125 DEGC	
24	L1	-	1	MSS1278-103ML	COILCRAFT	10UH	INDUCTOR; SMT; FERRITE CORE; 10UH;TOL=+/-20%; 5.7A	
25	L3	-	1	MSS1278-104ML	COILCRAFT	100UH	INDUCTOR; SMT; FERRITE CORE; 100UH;TOL=+/-20%; 1.5A	
26	MH1-MH4	-	4	9032	KEYSTONE	9032	MACHINE FABRICATED; ROUND-THRU HOLE SPACER; NO THREAD; M3.5; 5/8IN; NYLON	
27	Q1, Q2	-	2	SQJA60EP-T1_GE3	VISHAY SILICONIX	SQJA60EP-T1_GE3	TRAN; NCH; SO-8L; PD-(45W); I-(30A); V-(60V)	
28	Q3, Q5	-	2	SQJ158EP-T1_GE3	VISHAY SILICONIX	SQJ158EP-T1_GE3	TRAN; NCH; SO-8L; PD-(45W); I-(23A); V-(60V)	
29	Q4	-	1	SQSA80ENW-T1-GE3	VISHAY SILICONIX	SQSA80ENW-T1-GE3	TRAN; AUTOMOTIVE N-CHANNEL 80V 175DEGC MOSFET; NCH; POWERPAK1212-8; PD-(62.5W); I-(18A); V-(80V)	
30	R1, R11	-	2	CRCW060324K9FK; ERJ-3EKF2492	VISHAY DALE;PANASONIC	24.9K	RESISTOR; 0603; 24.9K OHM; 1%; 100PPM; 0.10W; THICK FILM	
31	R2, R18	-	2	3296W-1-103LF	BOURNS	10K	RESISTOR; THROUGH-HOLE-RADIAL LEAD; 3296 SERIES; 10K OHM; 10%; 100PPM; 0.5W; SQUARE TRIMMING POTENTIOMETER; 25 TURNS; MOLDER CERAMIC OVER METAL FILM	

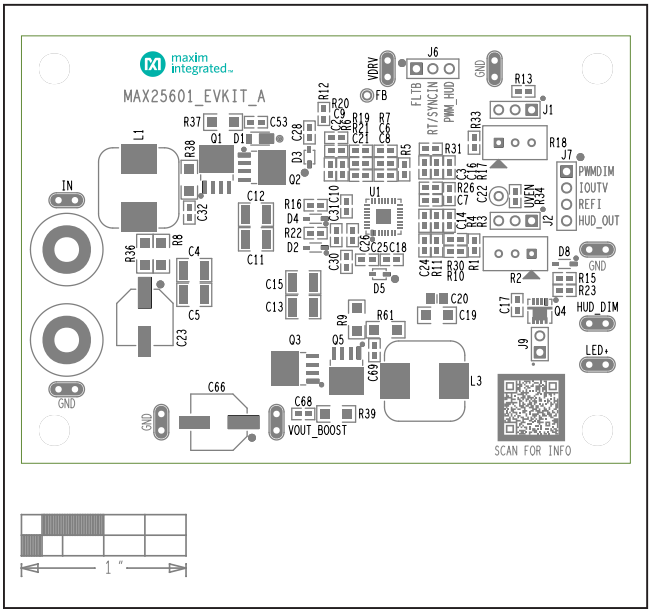
MAX25601 EV Kit Bill of Materials (continued)

ITEM	REF_DES	DNI/DNP	QTY	MFG PART #	MANUFACTURER	VALUE	DESCRIPTION	COMMENTS
32	R3	-	1	ERJ-3EKF6492	PANASONIC	64.9K	RES; SMT (0603); 64.9K; 1%; +/-100PPM/DEGC; 0.1W	
33	R4	-	1	ERJ-3EKF1242	PANASONIC	12.4K	RESISTOR; 0603; 12.4K OHM; 1%; 100PPM; 0.10W; THICK FILM	
34	R5, R17, R32	-	3	CRCW0603100KFK; RC0603FR-07100KL; RC0603FR-13100KL; ERJ-3EKF1003; AC0603FR-07100KL	VISHAY DALE;YAGEO; YAGEO;PANASONIC	100K	RESISTOR; 0603; 100K; 1%; 100PPM; 0.10W; THICK FILM	
35	R6	-	1	CRCW060330K0FK	VISHAY DALE	30K	RESISTOR; 0603; 30K OHM; 1%; 100PPM; 0.10W; THICK FILM	
36	R7, R35	-	2	ERJ-P03F10R0V	PANASONIC	10	RESISTOR; 0603; 10 OHM; 1%; 200PPM; 0.20W; THICK FILM	
37	R8	-	1	CSR1206-0R007F1	RIEDON INC.	0.007	RES; SMT (1206); 0.007; 1%; +/-50PPM/DEGC; 1W	
38	R9	-	1	ERJ-8BSFR15	PANASONIC	0.15	RES; SMT (1206); 0.15; 1%; +/-250PPM/DEGC; 0.5W	
39	R10	-	1	CRCW0603422KFK	VISHAY DALE	422K	RESISTOR, 0603, 422K OHM, 1%, 100PPM, 0.10W, THICK FILM	
40	R12, R21	-	2	CRCW060310K0FK; ERJ-3EKF1002	VISHAY DALE;PANASONIC	10K	RESISTOR; 0603; 10K; 1%; 100PPM; 0.10W; THICK FILM	
41	R13	-	1	CRCW06034K99FK; ERJ-3EKF4991	VISHAY DALE;PANASONIC	4.99K	RESISTOR; 0603; 4.99K; 1%; 100PPM; 0.10W; THICK FILM	
42	R14, R15, R27-R29, R40	-	6	RC1608J000CS; CR0603-J/-000ELF; RC0603JR-070RL	SAMSUNG ELECTRONICS; BOURNS;YAGEO PH	0	RESISTOR; 0603; 0 OHM; 5%; JUMPER; 0.10W; THICK FILM	
43	R16, R22	-	2	ERJ-3RQF3R3V	PANASONIC	3.3	RESISTOR, 0603, 3.3 OHM, 1%, 100PPM, 0.10W, THICK FILM	
44	R19	-	1	CRCW0603470KFK	VISHAY DALE	470K	RESISTOR, 0603, 470K OHM, 1%, 100PPM, 0.10W, THICK FILM	
45	R23	-	1	CRCW06031M00JN	VISHAY DALE	1M	RESISTOR; 0603; 1M OHM; 5%; 200PPM; 0.10W; METAL FILM	
46	R24, R25	-	2	CRCW06030000Z0	VISHAY DALE	0	RESISTOR; 0603; 0 OHM; 0%; JUMPER; 0.1W; THICK FILM	
47	R26, R33, R34	-	3	CRCW0603100RFK; ERJ-3EKF1000; RC0603FR-07100RL	VISHAY DALE;PANASONIC	100	RESISTOR; 0603; 100 OHM; 1%; 100PPM; 0.10W; THICK FILM	
48	R31	-	1	ERJ-3EKF3482	PANASONIC	34.8K	RESISTOR; 0603; 34.8K OHM; 1%; 100PPM; 0.1W; THICK FILM	
49	SU1, SU2, SU5	-	3	S1100-B;SX1100-B; STC02SYAN	KYCON;KYCON; SULLINS ELECTRONICS CORP.	SX1100-B	TEST POINT; JUMPER; STR; TOTAL LENGTH=0.24IN; BLACK; INSULATION=PBT;PHOSPHOR BRONZE CONTACT=GOLD PLATED	
50	TP1	-	1	7006	KEYSTONE	7006	CONNECTOR; PANELMOUNT; BINDING POST; STRAIGHT THROUGH; 1PIN; RED	
51	TP2	-	1	7007	KEYSTONE	7007	CONNECTOR; PANELMOUNT; BINDING POST; STRAIGHT THROUGH; 1PIN; BLACK	
52	U1	-	1	MAX25601AATJ+	MAXIM	MAX25601AATJ+	EVKIT PART - IC; MAX25601; SYNCHRONOUS BOOST AND SYNCHRONOUS BUCK LED CONTROLLER TQFN32-EP; PACKAGE CODE T3255Y+6C; PACKAGE OUTLINE: 21-100041; PACKAGE LAND PATTERN: 90-100066	
53	PCB	-	1	MAX25601	MAXIM	PCB	PCB:MAX25601	-
54	C1, C17	DNP	0	GRM1885C1H102JA01; C1608C0G1H102J080AA; GCM1885C1H102JA16	MURATA;TDK;MURATA	1000PF	CAPACITOR; SMT (0603); CERAMIC CHIP; 1000PF; 50V; TOL=5%; TG=-55 DEGC TO +125 DEGC	
55	C2	DNP	0	C0603X7R500103JNP; C0603C103J5RAC	VENKEL LTD;KEMET	0.01UF	CAPACITOR; SMT (0603); CERAMIC CHIP; 0.01UF; 50V; TOL=5%; MODEL=X7R; TG=-55 DEGC TO +125 DEGC; TC=+/	
56	C21, C24, C29	DNP	0	GRM1885C1H102FA01	MURATA	1000PF	CAPACITOR; SMT (0603); CERAMIC CHIP; 1000PF; 50V; TOL=1%; MODEL=GRM SERIES; TG=-55 DEGC TO +125 DEGC; TC=C0G	
57	C28	DNP	0	GCJ188R71H104KA12; GCM188R71H104K; CGA3E2X7R1H104K080AA	MURATA;MURATA;TDK	0.1UF	CAPACITOR; SMT (0603); CERAMIC CHIP; 0.1UF; 50V; TOL=10%; TG=-55 DEGC TO +125 DEGC; TC=X7R; AUTO	
58	C31	DNP	0	C0603C101K1GAC	KEMET	100PF	CAPACITOR; SMT (0603); CERAMIC CHIP; 100PF; 100V; TOL=10%; MODEL=C0G; TG=-55 DEGC TO +125 DEGC; TC=+	
59	C32, C53, C68, C69	DNP	0	C0603C332K1RAC	KEMET	3300PF	CAPACITOR; SMT (0603); CERAMIC CHIP; 3300PF; 100V; TOL=10%; MODEL=X7R; TG=-55 DEGC TO +125 DEGC; TC=	
60	R20	DNP	0	CRCW06031M00JN	VISHAY DALE	1M	RESISTOR; 0603; 1M OHM; 5%; 200PPM; 0.10W; METAL FILM	
61	R30, R79	DNP	0	RC1608J000CS; CR0603-J/-000ELF; RC0603JR-070RL	SAMSUNG ELECTRONICS; BOURNS;YAGEO PH	0	RESISTOR; 0603; 0 OHM; 5%; JUMPER; 0.10W; THICK FILM	
62	R36	DNP	0	CSR1206-0R007F1	RIEDON INC.	0.007	RES; SMT (1206); 0.007; 1%; +/-50PPM/DEGC; 1W	
63	R37-R39, R61	DNP	0	CRCW12062R00FK	VISHAY DALE	2	RESISTOR, 1206, 2OHMS, 1%, 100PPM, 0.25W, THICK FILM	
TOTAL			101					

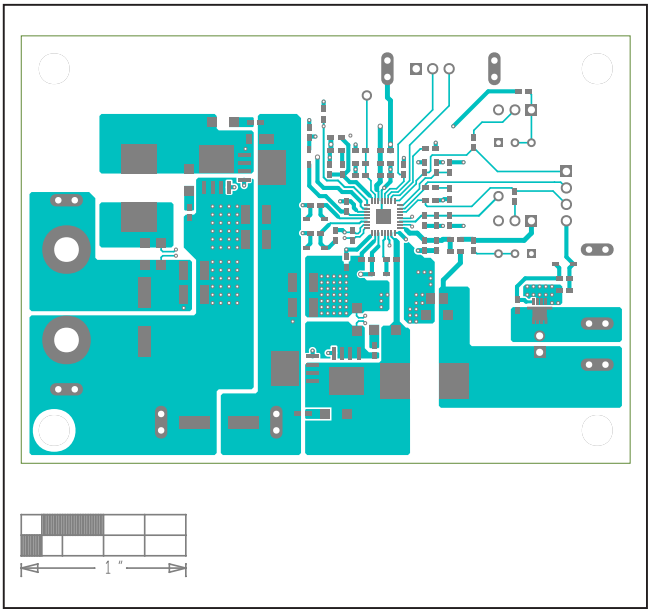
MAX25601 EV Kit Schematic



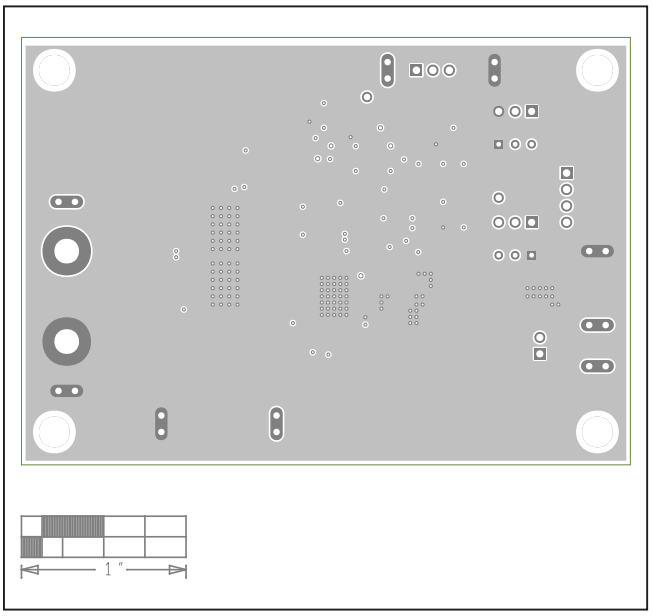
MAX25601 EV Kit PCB Layout Diagrams



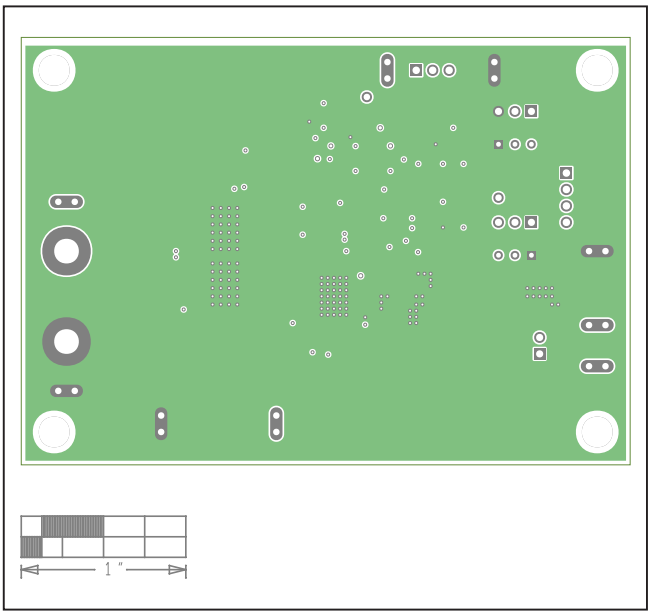
MAX25601 EV Kit Component Placement Guide—Top Silkscreen



MAX25601 EV Kit PCB Layout—Top View

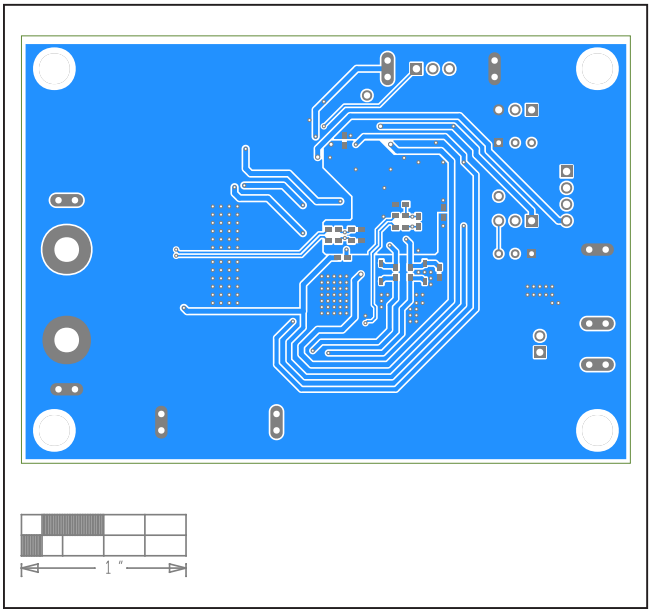


MAX25601 EV Kit PCB Layout—Internal2

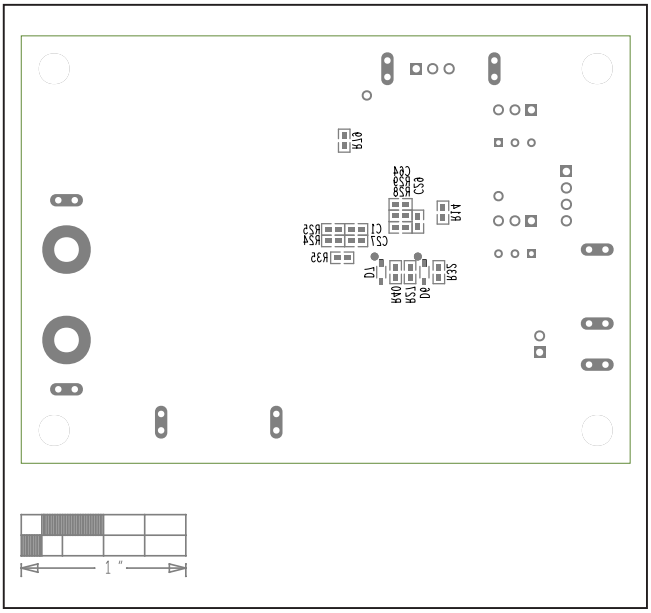


MAX25601 EV Kit PCB Layout—Internal3

MAX25601 EV Kit PCB Layout Diagrams (continued)



MAX25601 EV Kit PCB Layout—Bottom View



MAX25601 EV Kit Component Placement Guide—Bottom Silkscreen

Revision History

REVISION NUMBER	REVISION DATE	DESCRIPTION	PAGES CHANGED
0	10/19	Initial release	—

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