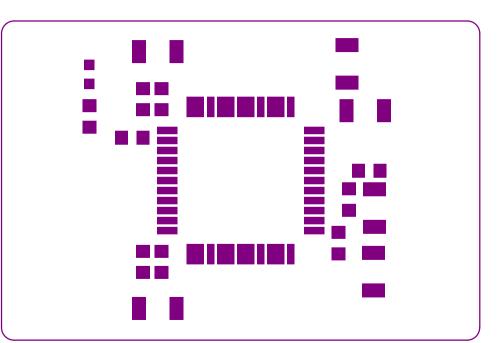
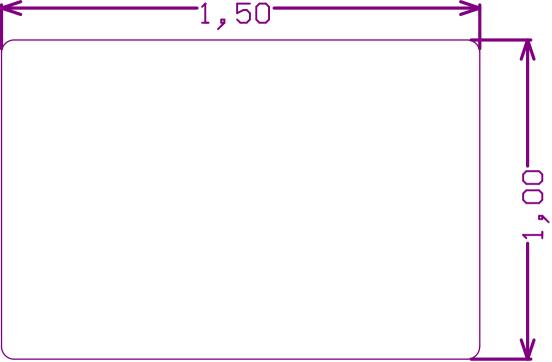
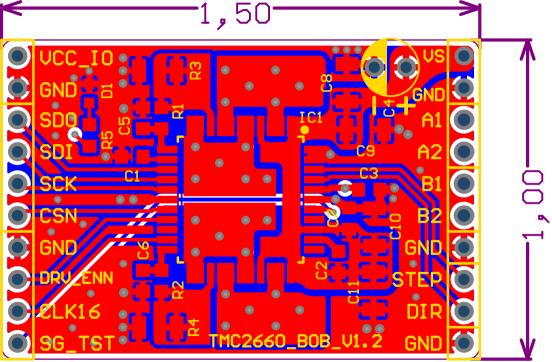
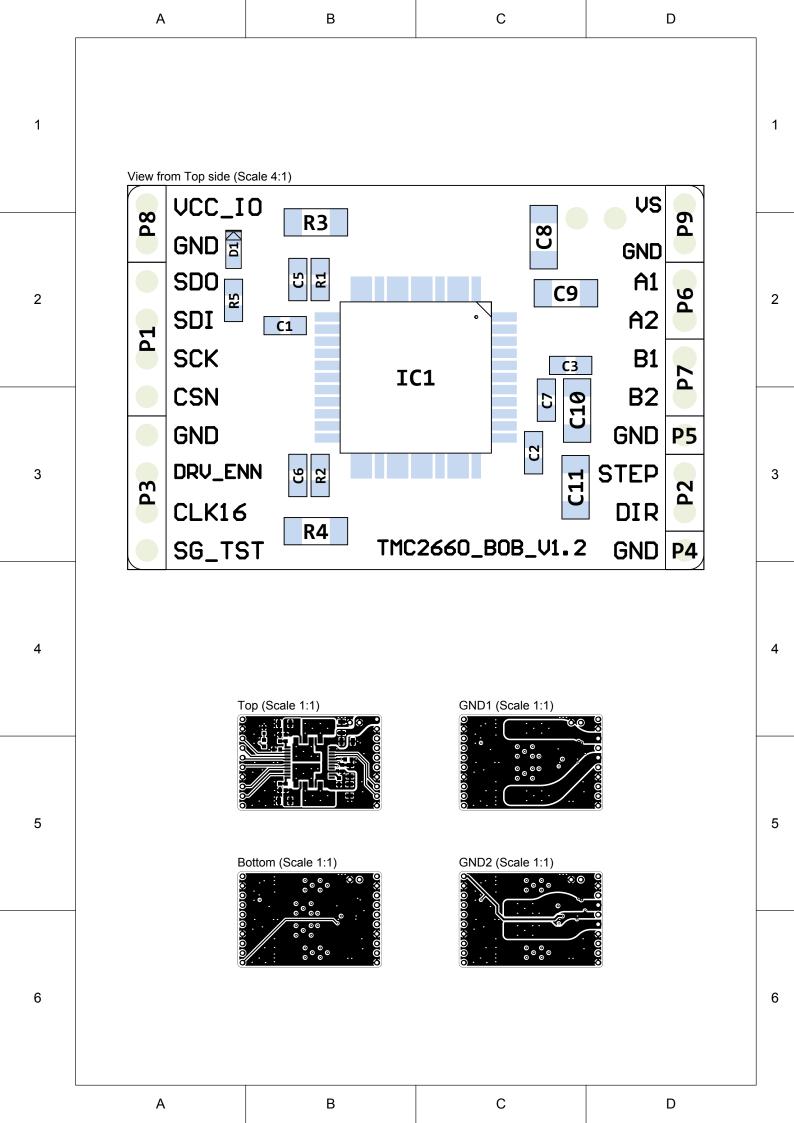


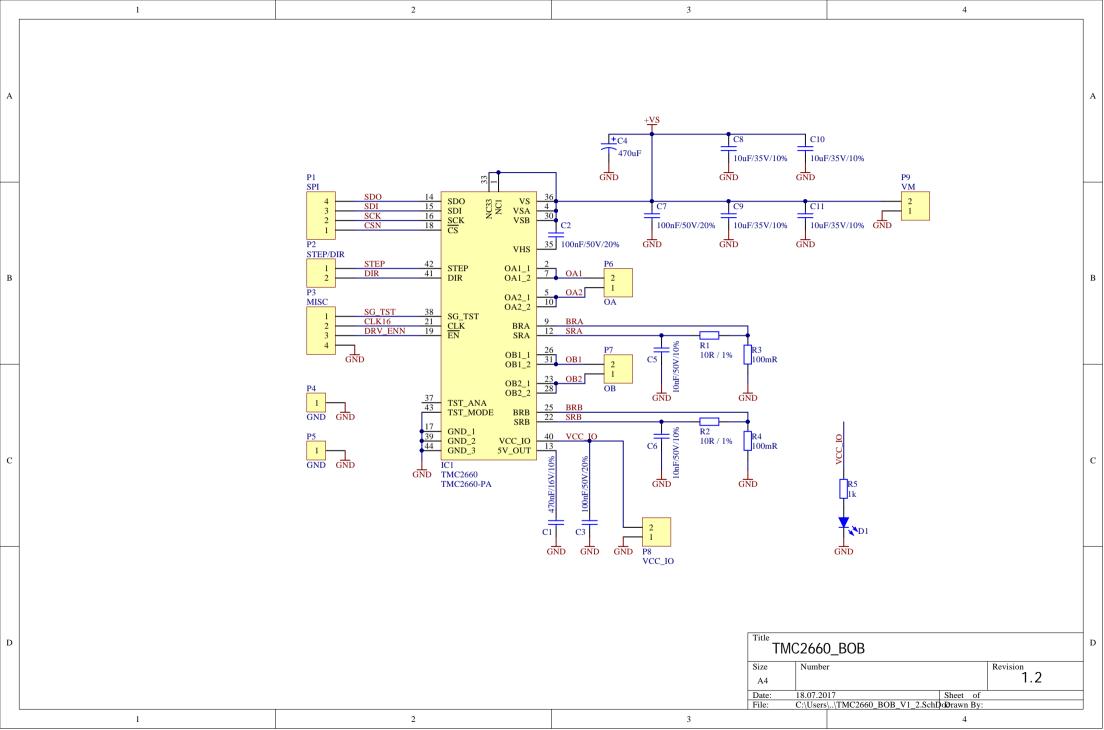
VS		VCC_IO
GND		GND
A1		SDO
<b>A2</b>		SDI
B1		SCK
B2		CSN
GND		GND
STEP	TMC2660_B0B_V1.2	DRV_ENN
DIR	IC name: TMC2660-PA	CLK16
GND	Supply range: VS = 930V Max. current: IRMS = 2A	SG_TST

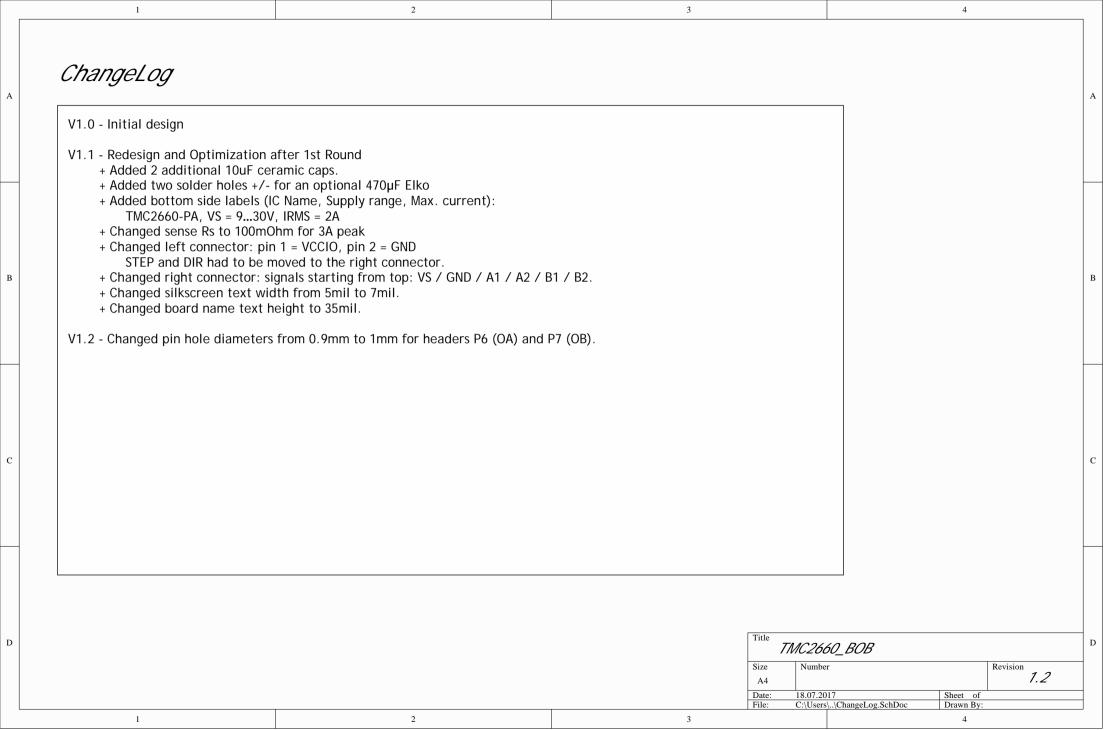












## **BOM**

Project: TMC2660\_BOB

Version: 1.2

Date: 18.07.2017

#	Qı	uantity	MPN	Comment	Designator	Footprint	Description	Note	MF
	1	1	MC0603X474K160CT	470nF/16V/10%	C1	C0603	Ceramic capacitor		Multicomp
	2	3	MC0603F104M500CT	100nF/50V/20%	C2, C3, C7	C0603	Ceramic capacitor		Multicomp
	3	2	MC0603B103K500C	10nF/50V/10%	C5, C6	C0603	Ceramic capacitor		MULTICOMP
	4	4	GRM31CC8YA106KA12L	10uF/35V/10%	C8, C9, C10, C11	C1206	Ceramic capacitor		MURATA
	5	1	LTST-C191TBKT-5A	LED, Blue, SMD, 20mA, 2.8V, 465 nm	D1	LED_0603	LED, Blue, SMD, 20mA, 2.8V, 465 nm		Lite-On
	6	1	TMC2660-PA	TMC2660	IC1		coolStep™ driver with Step/Dir Interface and SPI, up to 30V, internal MOSFET for up to 4 A, PQFP-44		TRINAMIC
	7	2	MCWR06X10R0FTL	10R / 1%	R1, R2		SMD Chip Resistor, Thick Film, 10 ohm, 50 V, 0603 [1608 Metric], 100 mW, ± 1%, MCWR Series		Multicomp
	8	2	ERJ8BWFR100V	100mR / 1W / 1%	R3, R4		SMD Current Sense Resistor, 0.1 ohm, 1 W, 1206 [3216 Metric], ± 1%, ERJ8B Series		PANA SONIC ELECTRONIC COMPONENTS
	9	1	MC0063W060311K	1k	R5	R0603	1 kohm, 50 V, 0603 [1608 Metric], 63 mW, ± 1%, MC Series		MULTICOMP
Approved				Notes					26