





Title		
Size	Number	Revision
A4		
Date:	26.07.2019	Sheet of
File:	F:\PROJ\..\Stepper.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
100nF		C1, C2, C3, C6	CHIP_C_0603	CHIP_C	4
22pF		C4, C5, C10, C11	CHIP_C_0603	CHIP_C	4
1uF		C7	CHIP_C_0603	CHIP_C	1
100 nF		C8	CHIP_C_0603	CHIP_C	1
0.1uF		C9, C21, C22, C23	CHIP_C_0603	CHIP_C	4
0.1 uF		C12	CHIP_C_0603	CHIP_C	1
10uF		C13	CHIP_C_0603	CHIP_C	1
100uF x 50V		C14, C16, C19	Tantal - D	Tantal	3
0.22uF		C15	CHIP_C_0805	CHIP_C	1
1uF*50V		C17	CHIP_C_0805	CHIP_C	1
68uF x 50V		C18	TANTAL - E	Tantal	1
4.7nF		C20	CHIP_C_0603	CHIP_C	1
US-1G		D1, D5	DO214-AC	US-1G	2
10MQ040(60)	Rectifier diode	D2	DO214-AC	10MQ040	1
CG0603MLC-05E		D3, D4	CG0603MLC-05E	SM6T27CA	2
VS-30BQ060	Schottky 3.0A	D6	DO-214AB	VS-30BQ060	1
SM6T18A		D7	DO-214AA	SM6T30A	1
MF-MSMF050-2		F1	SMDC014F-2	miniSMDC014F-2	1
MF-MSMF110		F2	SMDC014F-2	miniSMDC014F-2	1
CWF-4		J1, J3	CWF-4	CWF-4	2
PLS-5		J2	PLS-5	PLS-5	1
CWF-2		J4	CWF-2	CWF-2	1
CUI UJ2-MIBH2-4-SMT-TR	Micro USB connector	J5	UJ2-MIBH2-4-SMT	USB_micro	1
PLS-2		JP1	PLS-2	PLS-2	1
BLM18PG601SH1		L1, L3	CHIP_R_0603	BLM	2
CDRH74NP-121MC-B		L2	CDRH74	CDRH74	1
IRLML6402	p-chanal MOSFET	Q1	SOT23	IRLML6402	1
0		R1, R2	0R 0603	JANMP_0603	2
4K7		R3, R4	CHIP_R_0603	RES_0603	2
10K		R5, R6, R7, R10	CHIP_R_0603	RES_0603	4
0.25RF		R8, R11	CHIP_R_2512	RES_2512	2
120R		R9	CHIP_R_1206	RES_1206	1
5K6F		R12	CHIP_R_0603	RES_0603	1
3K32F		R13	CHIP_R_0603	RES_0603	1
???		RT1		thermoSensor	1
SAMD21G18A-AUT		U1	QFN48	SAMD21G18A-AUT	1
AS5600	program magnetic rotary position sensor	U2	SOIC8	AS5600	1
SN65HVD230D		U3	SOIC8	TJA1050	1
A4954	DMOS PWM Motor Driver	U4		A4954	1
MCP2515		U5	SOIC18	MCP2515	1
LM2594M-ADJ		U6	SOIC8	LM2594	1
32.768 KHz		Y1	NX3215SA	Quartz	1
KX-K 16 MHZ		Y2	CHIP_CRYSTAL_5032	Quartz	1