



Title		
Size	Number	Revision
A4		
Date:	07.08.2019	Sheet of
File:	F:\PROJ\...\CAN.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
Lamel		1, 2, 3, 4	LAMEL	Lamel	4
100nF		C1, C5, C7, C8	CHIP_C_0603	CHIP_C	4
1uF		C2	CHIP_C_0603	CHIP_C	1
0.1uF		C3, C17, C18, C19	CHIP_C_0603	CHIP_C	4
22pF		C4, C6, C21, C22	CHIP_C_0603	CHIP_C	4
100 nF		C9	CHIP_C_0603	CHIP_C	1
10uF		C10	CHIP_C_0603	CHIP_C	1
100uF x 35V		C11	ALUM_CAP_D	Electrolit	1
0.22uF		C12	CHIP_C_0603	CHIP_C	1
1uF		C13	CHIP_C_0805	CHIP_C	1
68uF x 16V		C14	TANTAL - C	Tantal	1
100uF x 10V		C15	Tantal - B	Tantal	1
4.7nF		C16	CHIP_C_0603	CHIP_C	1
0.1 uF		C20	CHIP_C_0603	CHIP_C	1
KP-3216	LED	D1	CHIP_D_1632	KP-3216	1
1N4148WC		D2, D7	SOD323	1N4148WC	2
10MQ040(60)	Rectifier diode	D3	DO214-AC	10MQ040	1
CG0603MLC-05E		D4, D5	CG0603MLC-05E	SM6T27CA	2
US-1G		D6	DO214-AC	US-1G	1
1206L050		F1	1206Lxxx	miniSMDC014F-2	1
1206L200		F2	1206Lxxx	miniSMDC014F-2	1
PLS-2	Connector	J1	PLS-2	PLS-2	1
PLS-5		J2	PLS2-5	PLS-5	1
CUI UJ2-MIBH2-4-SMT-TR	Micro USB connector	J3	UJ2-MIBH2-4-SMT	USB_micro	1
CWF-4		J4	CWF-4R	CWF-4	1
PLS-2R		JP1	PLS-2R	PLS-2	1
BLM18PG471SN1D		L1, L3	CHIP_R_0603	BLM	2
CDRH74NP-101MC-B		L2	CDRH74	CDRH74	1
IRLML6402	p-chanal MOSFET	Q1	SOT23	IRLML6402	1
10K		R1, R2, R11	CHIP_R_0603	RES_0603	3
62		R3	CHIP_R_0603	RES_0603	1
0R		R4	0R 0603 selector	Selector_0603	1
4K7		R5, R6	CHIP_R_0603	RES_0603	2
.15RF	Resistor	R7, R8	CHIP_R_1206	RES_1206	2
5K6F		R9	CHIP_R_0603	RES_0603	1
3K32F		R10	CHIP_R_0603	RES_0603	1
120R		R12	CHIP_R_1206	RES_1206	1
SAMD21G18A-AUT		U1	LQFP48	SAMD21G18A-AUT	1
TC1047	Temperature Sensor	U2	SOT23	TC1047	1
AS5600	program magnetic rotary position sensor	U3	SOIC8	AS5600	1
A4954	DMOS PWM Motor Driver	U4	TSSOP-16P	A4954	1
LM2594M-ADJ		U5	SOIC8	LM2594	1
SN65HVD230D		U6	SOIC8	TJA1050	1
MCP2515		U7	QFN20	MCP2515_QFN	1
NX3215SA-32.768K-STD-MUA-8		Y1	NX3215SA	Quartz	1
KX-K 16 MHZ		Y2	CHIP_CRYSTAL_5032	Quartz	1