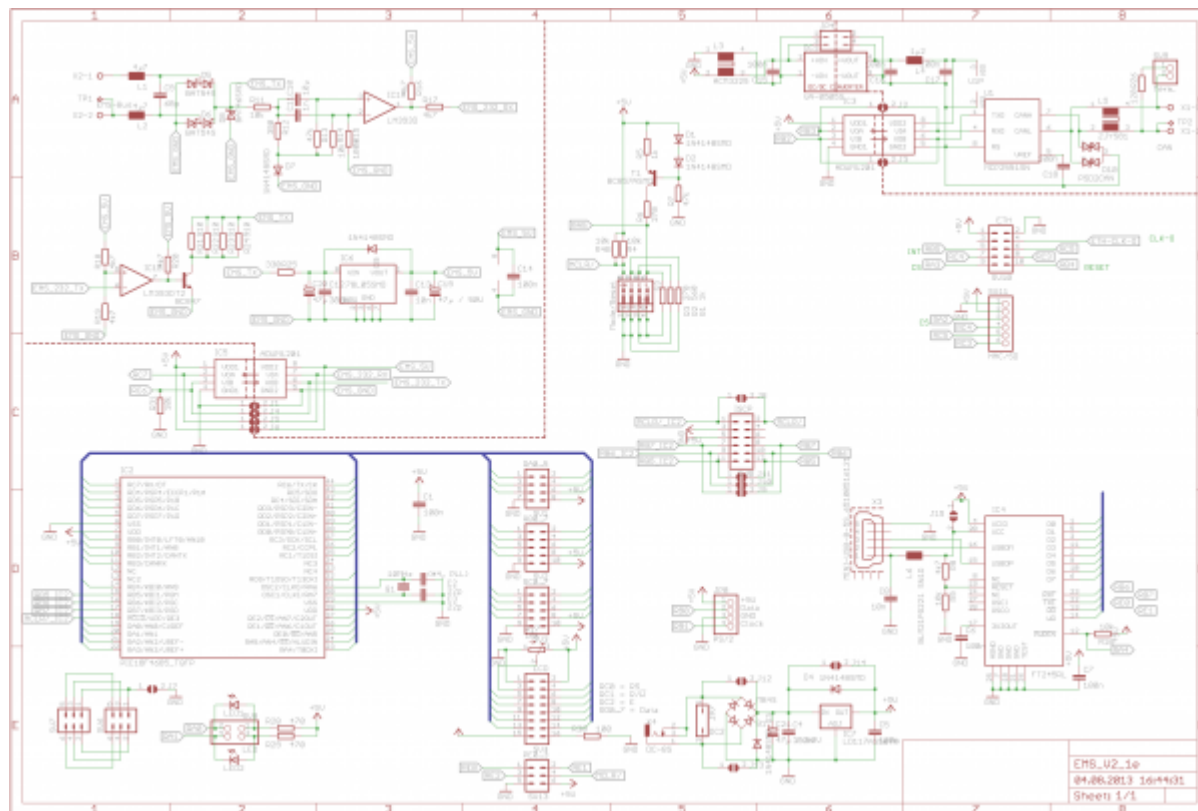


Aufbau

Es gibt noch Platinen aus der „Überproduktion“. Allerdings nur zum selber löten. Die Bauteile in der farbig hinterlegten Spalte habe ich noch übrig und werden bei einer Platine mitgeliefert.

Schaltplan

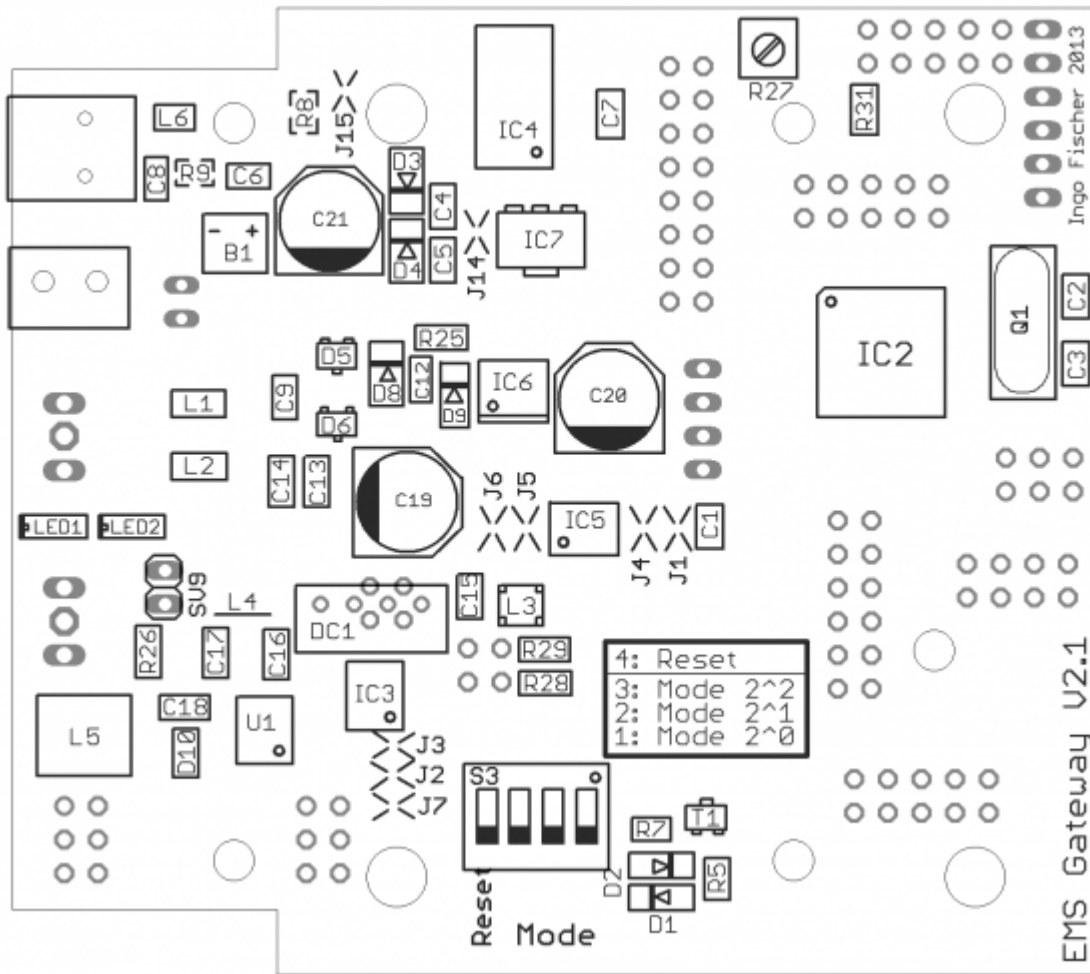


Bauteilliste

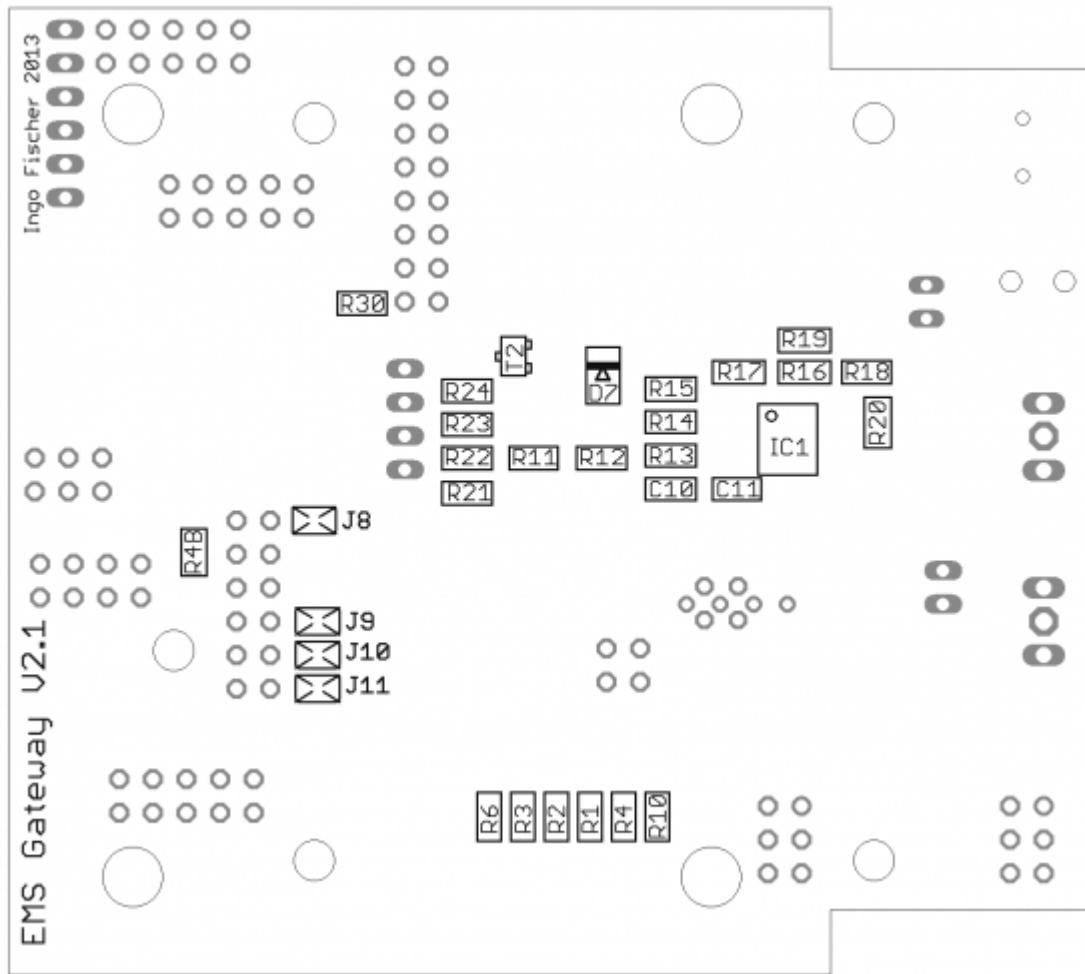
@#dddddd:Wert	@#dddddd:Bauform	@#dddddd:Bauteile
@#ddffbb:blau	@#ddffbb:c2	@#ddffbb:LED1
orange	c2	LED2
1n	C-EUC0805	C11
10µ	C-EUC0805	C10
10k	R-TRIMM3314J	R27
@#ddffbb:10MHz	@#ddffbb:CRYSTALSM49	@#ddffbb:Q1
68p	C-EUC0805	C9
78L05SMD	78L05SMD	IC6
LD1117	LD1117S50TR	IC7
100	R-EU_R0805	R30
100k	R-EU_R0805	R15
330	R-EU_R0805	R25
390	R-EU_R0805	R12
560	R-EU_R0805	R2

@#ddffbb:ADUM1201	@#ddffbb:ADUM1201	@#ddffbb:IC3, IC5
BAT46SMD	BAT46SMD	D8
BC847	BC847	T2
BC857ASMD	BC857ASMD	T1
BLM21PG221 SN1D	WE-KIHQ_0805	L6
@#ddffbb:DC-8S	@#ddffbb:DC-8S	@#ddffbb:X4
@#ddffbb:DCPP3	@#ddffbb:DCPP3	@#ddffbb:X4b
EMS-Bus	W237-02P	X2
@#ddffbb:FT245RL	@#ddffbb:FT245RL	@#ddffbb:IC4
@#ddffbb:LM393D	@#ddffbb:LM393D	@#ddffbb:IC1
MB4S	MB4S	B1
MINI-USB-B	Würth 65100516121	X3
@#ddffbb:CAN, EMS-Bus	@#ddffbb:W237-02P	@#ddffbb:X1, X2
@#ddffbb:Mode/Reset	@#ddffbb:SWS004	@#ddffbb:S3
PIC18F4580_TQFP	PIC18F4580_TQFP	IC2
1k	R-EU_R0805	R1, R5
4 μ 7	WE-CBF_1210	L1, L2
10n	C-EUC0805	C8, C13
22p	C-EUC0805	C2, C3
47k	R-EU_R0805	R7, R13
270	R-EU_R0805	R3, R6
330n	C-EUC0805	C4, C12
470	R-EU_R0805	R28, R29
BAT54S	BAT54S	D5, D6
47 μ / 50V	CPOL-EUE	C19, C20, C21
910	R-EU_R0805	R21, R22, R23, R24
@#ddffbb:100n	@#ddffbb:C-EUC0805	@#ddffbb:C1, C5, C6, C7, C14, C15, C16, C17, C18
@#ddffbb:1N4148SMD	@#ddffbb:1N4148SMD	@#ddffbb:D1, D2, D3, D4, D7, D9
4k7	R-EU_R0805	R8, R16, R17, R18, R19, R20
10k	R-EU_R0805	R4, R4B, R9, R10, R11, R14, R31
1 μ 2	WE-CBF_1210	L4
120	R-EU_R0805	R26
@#ddffbb:ACM3225	@#ddffbb:ACM3225	@#ddffbb:L3
@#ddffbb:MCP2551SN	@#ddffbb:MCP2551SN	@#ddffbb:U1
PSD2CAN	PSD2CAN	D10
Term.	PINHD-1 \times 2	SV9
@#ddffbb:VA-0505S	@#ddffbb:VA-0505S	@#ddffbb:DC1
ZJYS81	ZJYS81	L5

Bestückung Oberseite



Bestückung Unterseite



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