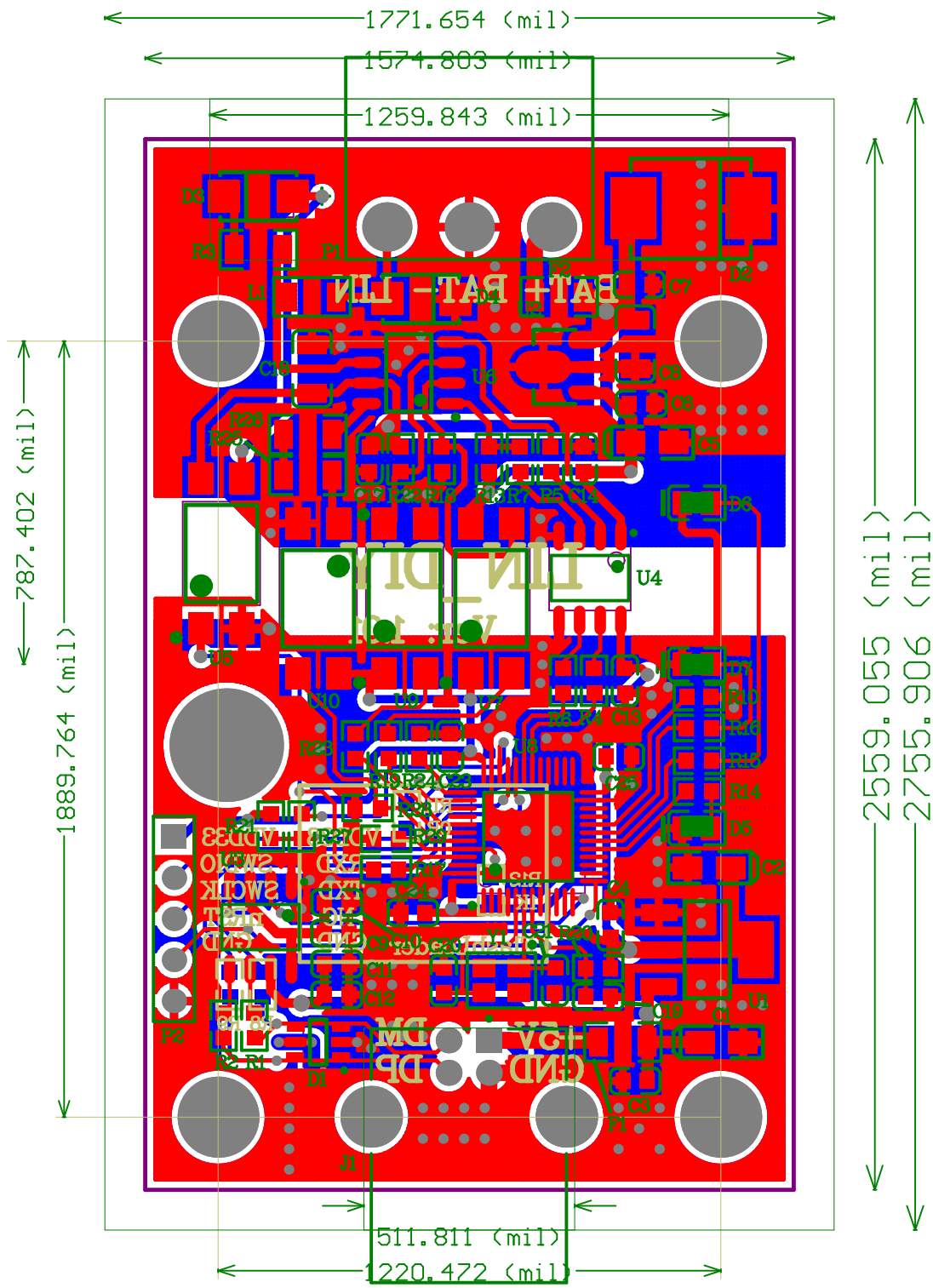
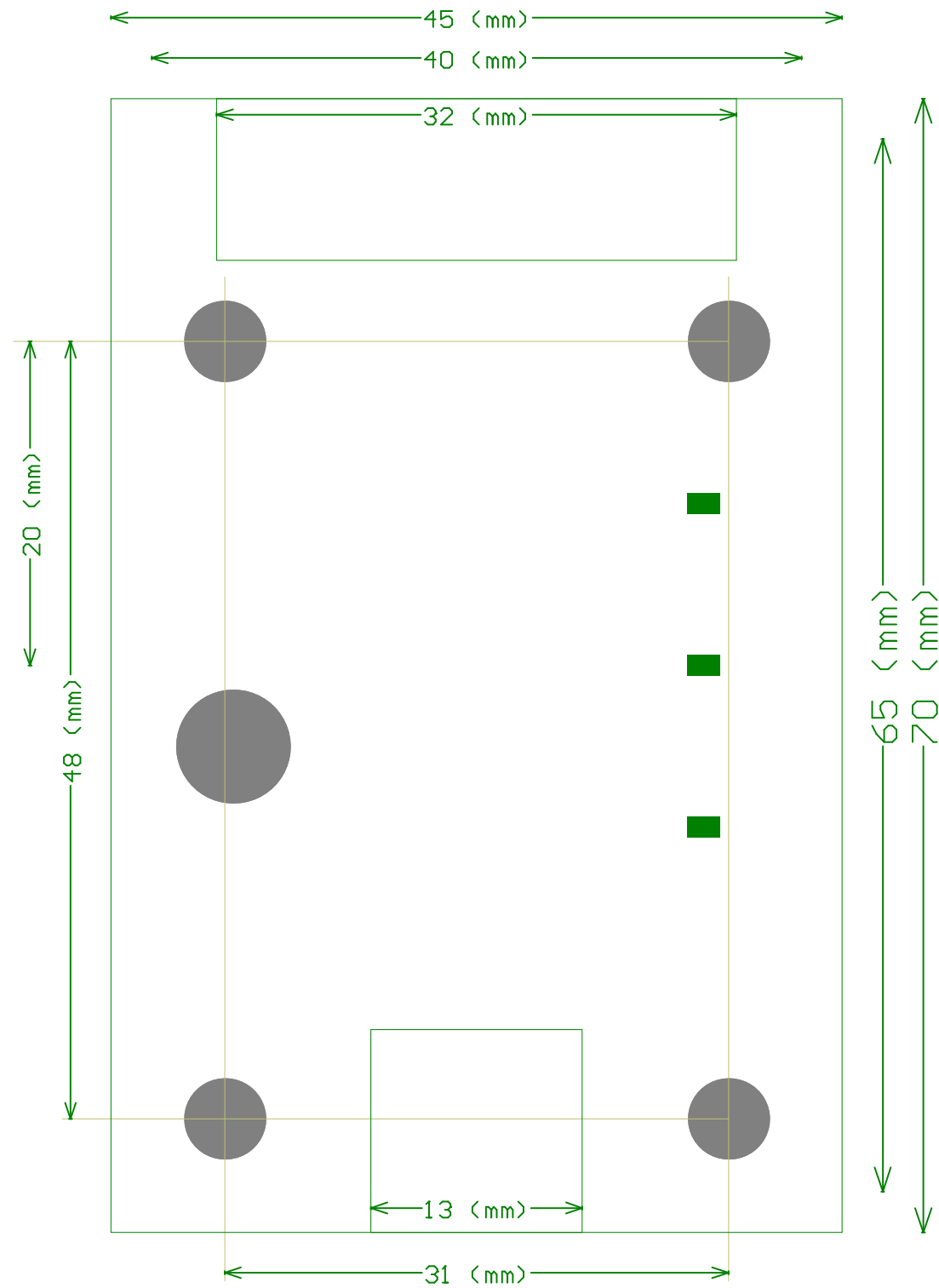


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Comment	Description	Designator	Footprint	LibRef	Quantity
10uF/ 16V	Polarized Capacitor (Axial)	C1, C2, C5	LC-CASE-A_3216	Cap Pol2	3
100nF/ 50V	Capacitor	C3, C4, C6, C7, C10, C12, C13, C14, C17	LC-0603_C	Cap	9
10uF/ 50V	Capacitor	C8, C18	LC-1206_C	Cap	2
4.7uF/ 16V	Capacitor	C9, C11	LC-0603_C	Cap	2
100nF	Capacitor	C19, C23, C24, C25	LC-0603_C	Cap	4
22pF	Capacitor	C20, C21	LC-0603_C	Cap	2
SRV05-4	Low Capacitance TVS Diode Array	D1	LC-SOT-23-6	SRV05-4	1
SMCJ28CA	Zener Diode	D2	LC-SMC(DO-214AB)_S1	P6KE6.8CA	1
1N4007	Silicon Low Leakage Diode	D3	LC-SMA(DO-214AC)_S1	Diode BAS116	1
SMAJ28CA	Zener Diode	D4	LC-SMA(DO-214AC)_S1	P6KE6.8CA	1
LED_RED		D5, D7	LC-0805_LED_S1	LED-B, LED-R	2
LED_GREEG		D6	LC-0805_LED_S1	LED-G	1
0.5A/ 8V	Thermal Fuse	F1	LC-1206_R	Fuse Thermal	1
0.1A/ 60V	Thermal Fuse	F2	LC-1206_R	Fuse Thermal	1
USB-B		J1	USB/ B	MINI-USB	1
600R@100MHz		L1	LC-1206_L	FeriteBeads	1
LIN PORT	Header, 3-Pin	P1	5.08-3	Header 3	1
SWIO	Header, 5-Pin	P2	HDR1X5	Header 5	1
22R	Resistor	R1, R2	LC-0603_R	Res2	2
1K	Resistor	R3, R25, R26	LC-1206_R	Res2	3
220R	Resistor	R4, R5, R6, R7	LC-0603_R	Res2	4
NC	Resistor	R8, R9, R11, R12	LC-0603_R	Res2	4
10K	Resistor	R10, R20, R21, R22, R24, R29	LC-0603_R	Res2	6
4K7	Resistor	R13	LC-0603_R	Res2	1
330R	Resistor	R14, R15, R16, R17, R19, R23	LC-0603_R	Res2	6
2K	Resistor	R18	LC-0603_R	Res2	1
0R	Resistor	R27	LC-0603_R	Res2	1
1K	Resistor	R28	LC-0603_R	Res2	1
AMS1117-3.3		U1	LC-SOT-223	AMS1117	1
78L05	Three-Terminal Positive Voltage Regulator	U2	LC-SOT-89(SOT-89-3)	MC7805ACT	1
PL2303SA	USB to Serial Bridge Controller (SOP8 Package)	U3	LC-SO-8_3.9mm	PL2303SA	1
ADUM1201	Dual-Channel Digital Isolators	U4	LC-SO-8_3.9mm	ADUM1201	1
EL817S1		U5, U7, U9, U10	LC-SMD-4	TLP521-1	4
TJA1020T	LIN transceiver	U6	LC-SOIC-8_150mil	TJA1020	1
STM32F072C8T6	STM32 ARM-based 32-bit MCU with 64 Kbytes Flash, 48-pin LQFP, Industrial Temperature	U8	LC-LQFP-48_7x7x05P	STM32F103C8T6	1
8MHz	Crystal Oscillator	Y1	LC-SMD-3225_4P	XTAL	1