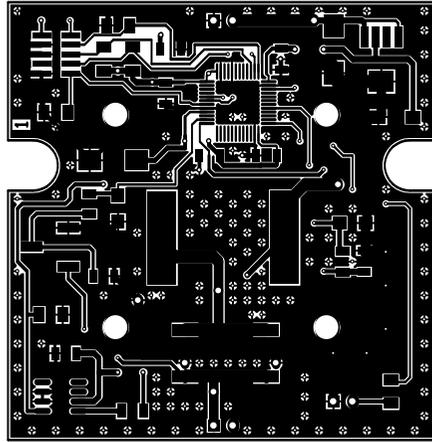
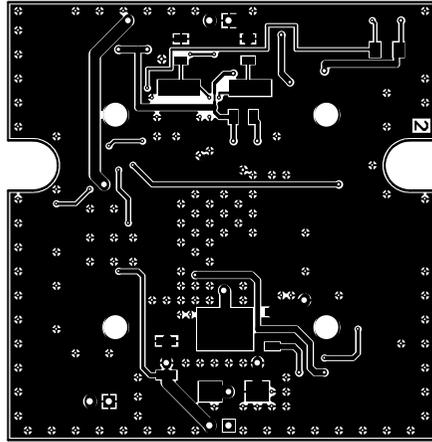
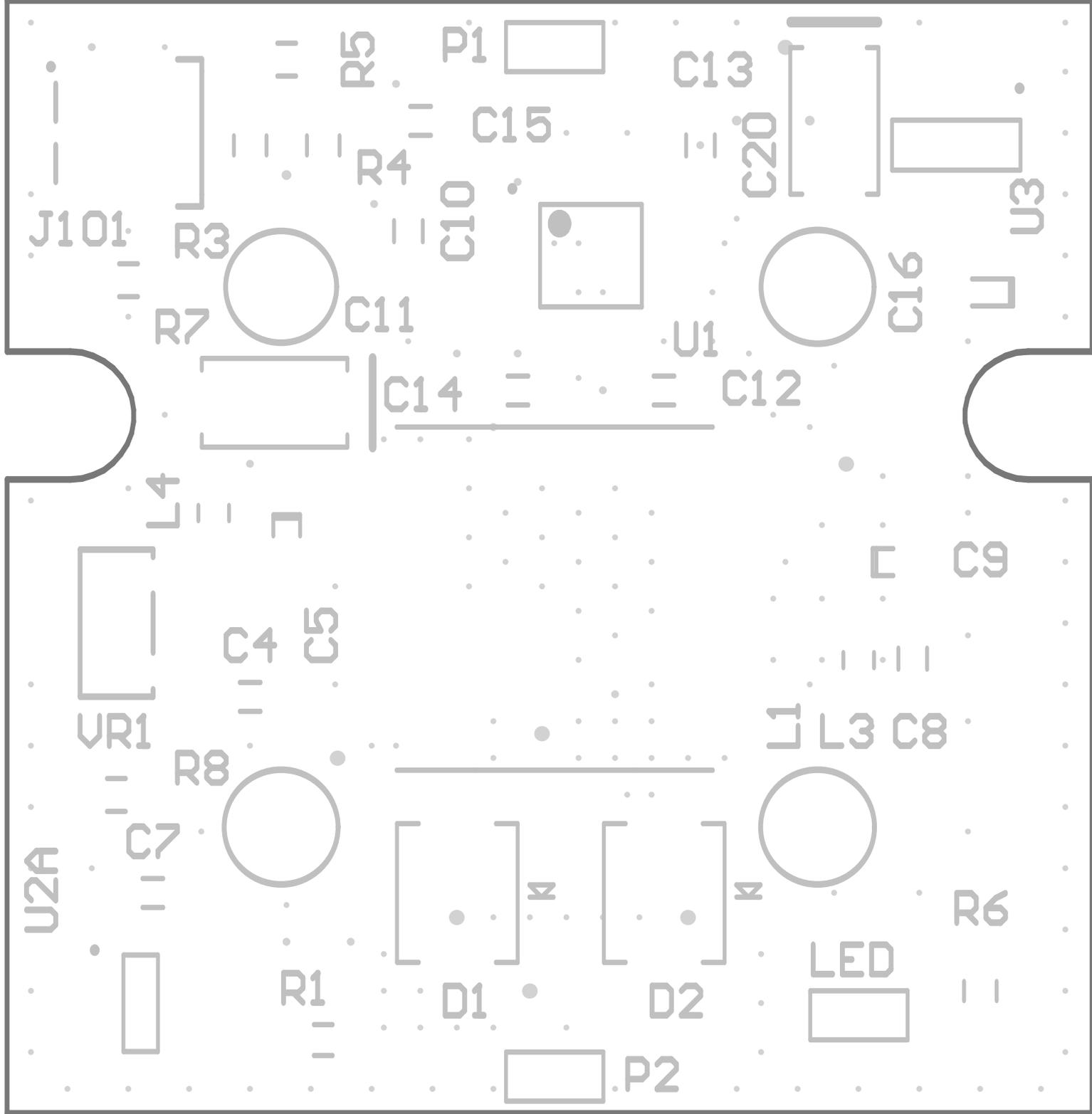
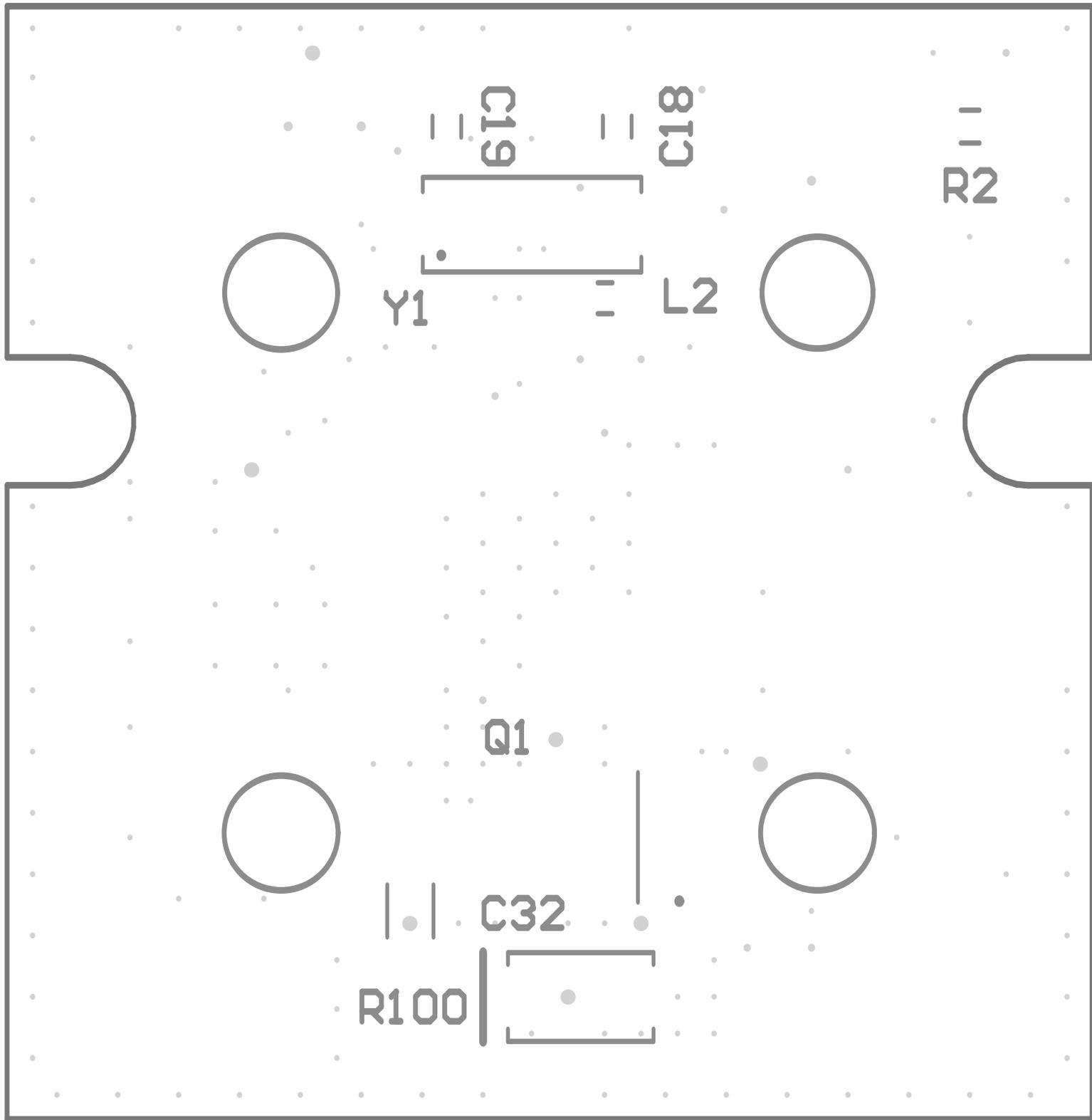


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Designator	Description	Value	Quantity
C4, C7, C8, C10, C12, C13, C14, C15	CAP 100nF 25V ±10% 1206 (3216 Metric) Thickness 1mm SMD	100nF	8
C5, C9	Conformal Coated Solid Tantalum Chip Capacitor: Standard Range, 4.7uF, 20% Tolerance, 4 WVDC @ -55°C to +85°C, Surge = 5V	2.2uF	2
C11, C20	Tantalum Capacitor, 47 uF, +/- 10%, 16 V, -55 to 125 degC, 2917 (7343 Metric), RoHS, Tape and Reel	47µF	2
C16	Midget Conformal Coated Solid Tantalum Chip Capacitor: 3.3uF, 20% Tolerance, 15 WVDC @ +85°C, Surge = 20V	10uF	1
C18, C19	CAP 100nF 25V ±10% 1206 (3216 Metric) Thickness 1mm SMD	18pF	2
C32	Tantalum Capacitor, 47 uF, +/- 10%, 16 V, -55 to 125 degC, 2917 (7343 Metric), RoHS, Tape and Reel	220µF	1
D1, D2	High Voltage Surface Mount Schottky Rectifier, 3 A, -65 to 175 degC, 2-Pin SMD, RoHS, Tape and Reel		2
J101			1
L1	Inductor	100µH	1
L2, L3, L4	Inductor	2.2mH	3
LED, P1, P2	Header, 2-Pin		3
Q1	HEXFET Power MOSFET		1
R1	470R 0.25W 5% 1206 (3216 Metric) SMD	10 Ohm	1
R2, R3, R4, R5, R8	10K 0.25W 5% 1206 (3216 Metric) SMD	10K	5
R6	10K 0.25W 5% 1206 (3216 Metric) SMD	330R	1
R7	10K 0.25W 5% 1206 (3216 Metric) SMD	47K	1
R100	1R 0.75W 5% 2010 (5025 Metric) SMD	0.25 Ohm	1
U1	ARM Cortex-M3 32-bit MCU, 32 KB Flash, 10 KB Internal RAM, 37 I/Os, 48-pin LQFP, -40 to 85 degC, Tray		1
U2A	3A Dual High-Speed Power MOSFET Drivers, Non Inverting, Extended Temperature, Tape and Reel		1
U3	1A Low Dropout CMOS Linear Regulators, Stable with Ceramic Output Capacitors, 5-pin SOT-223		1
VR1	Square Trimming Potentiometer		1
Y1	Surface Mount Quartz Crystal	8Mhz	1