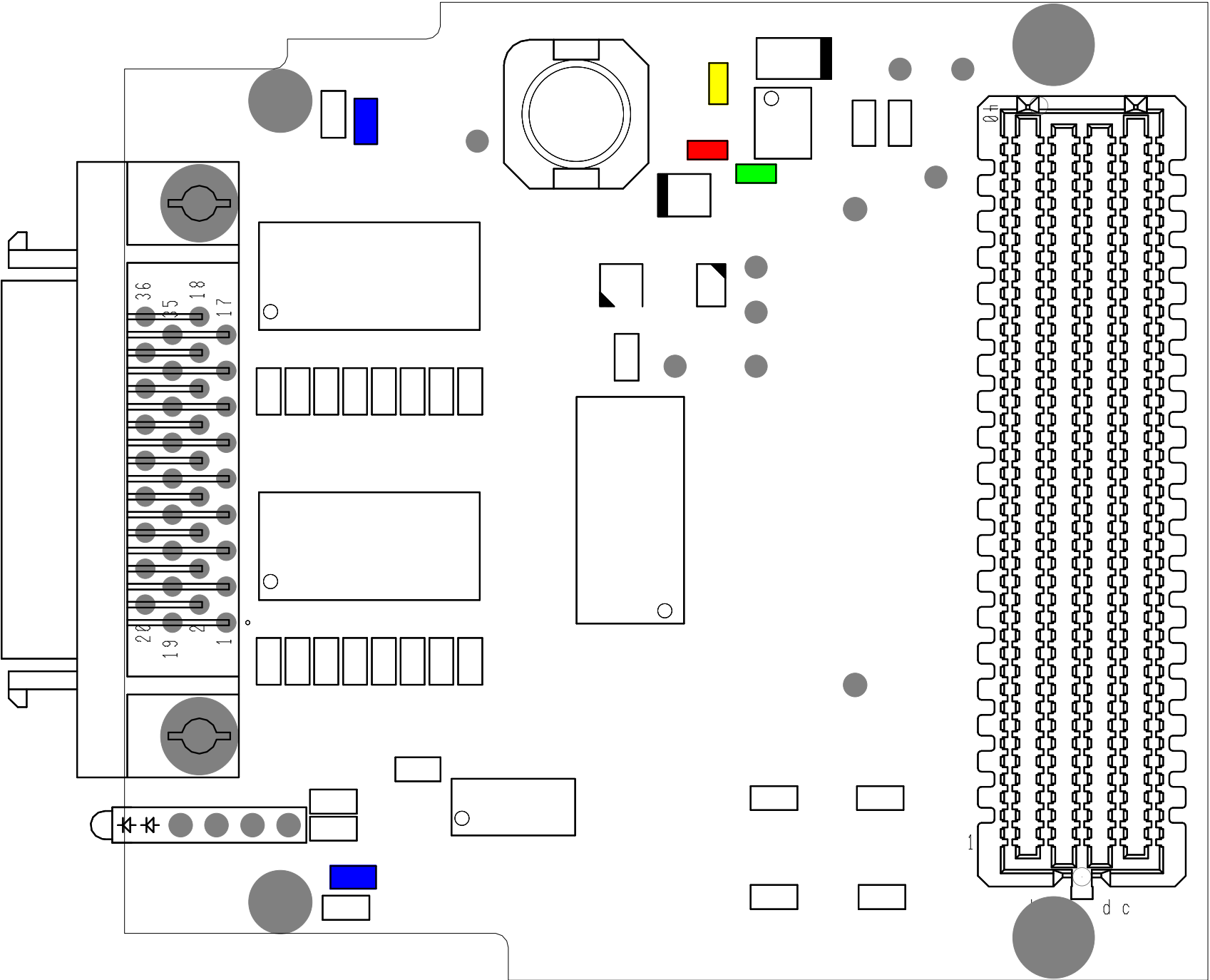
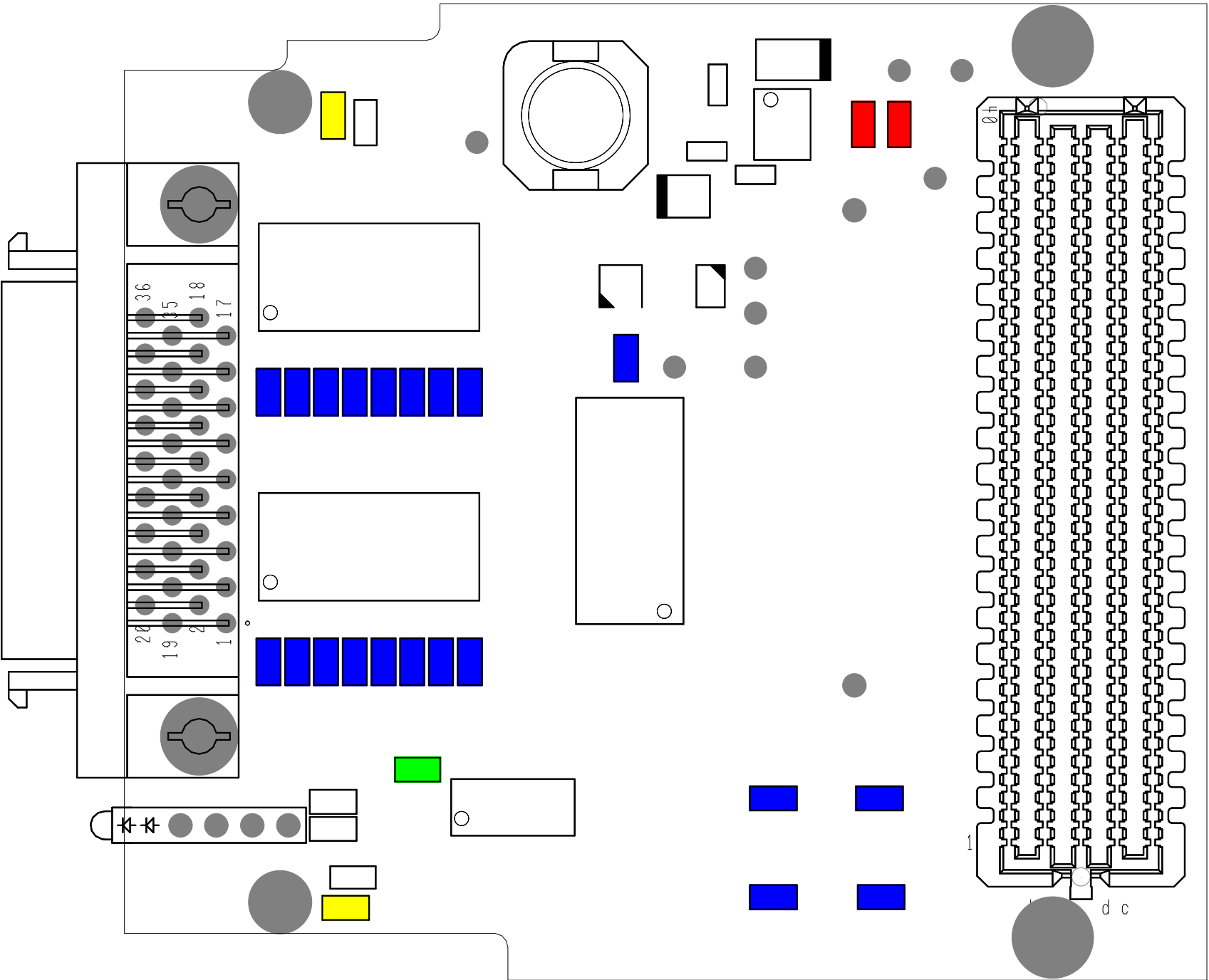


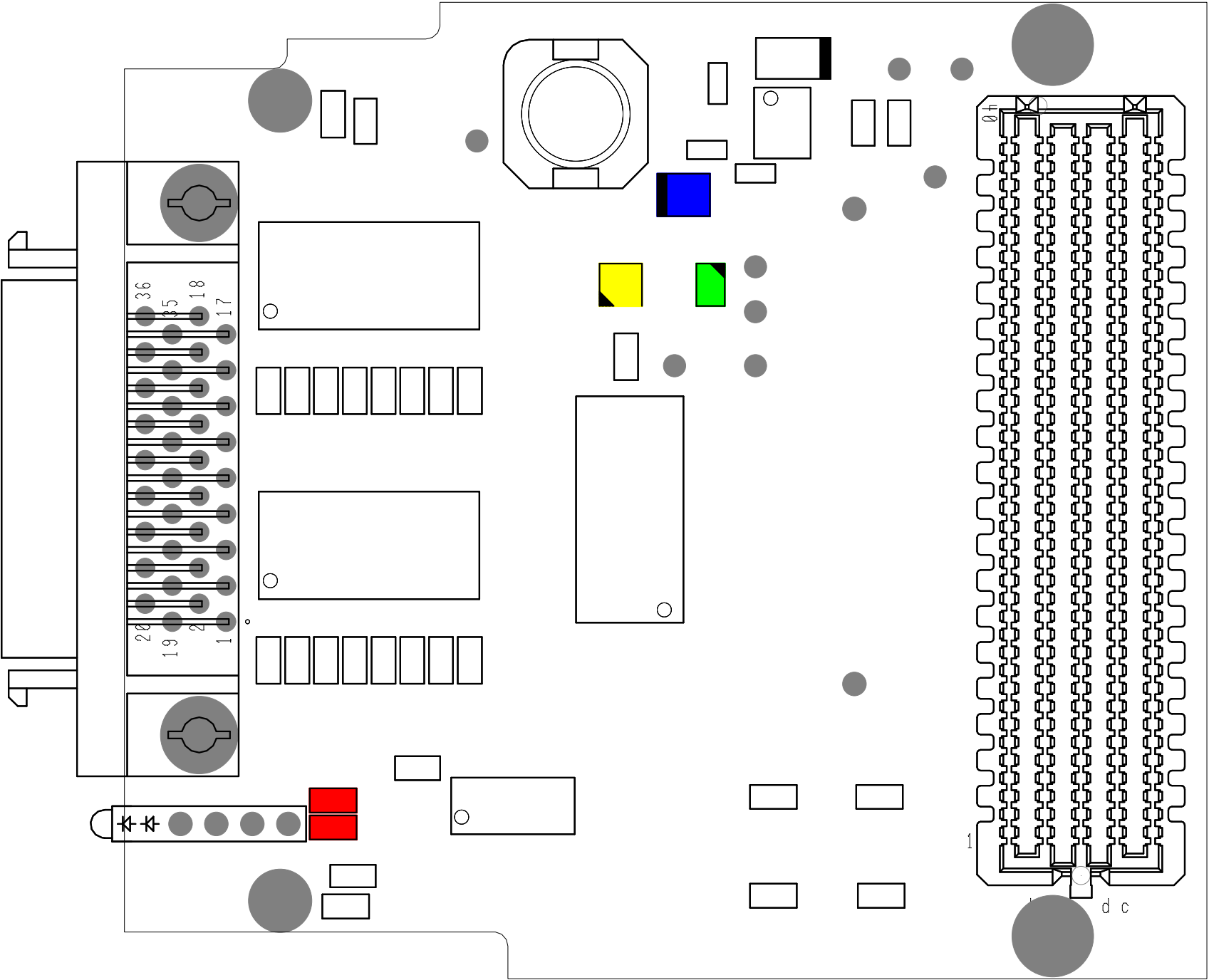
Reference Designator	Qty	Description	Val	Ref. Supplier	Outline
R1	1	0.1% 0.063W 10ppm Thin Film Chip Resistor	10k	R0603_10K_0.1%_0.063W_10PPM	0603
R3	1	0.1% 0.063W 10ppm Thin Film Chip Resistor	3k 24	R0603_3K24_0.1%_0.063W_10PPM	0603
C1	1	10% 50V X7R SMD Multilayer Chip Ceramic Capacitor	10nF	CC0603_10NF_50V_10%_X7R	0603
C2,C7	2	5% 2000V C0G High Voltage MLC Chips	22pF	CC1206_22PF_2000V_5%_COG_AUX_1206GA220JAT9A	1206



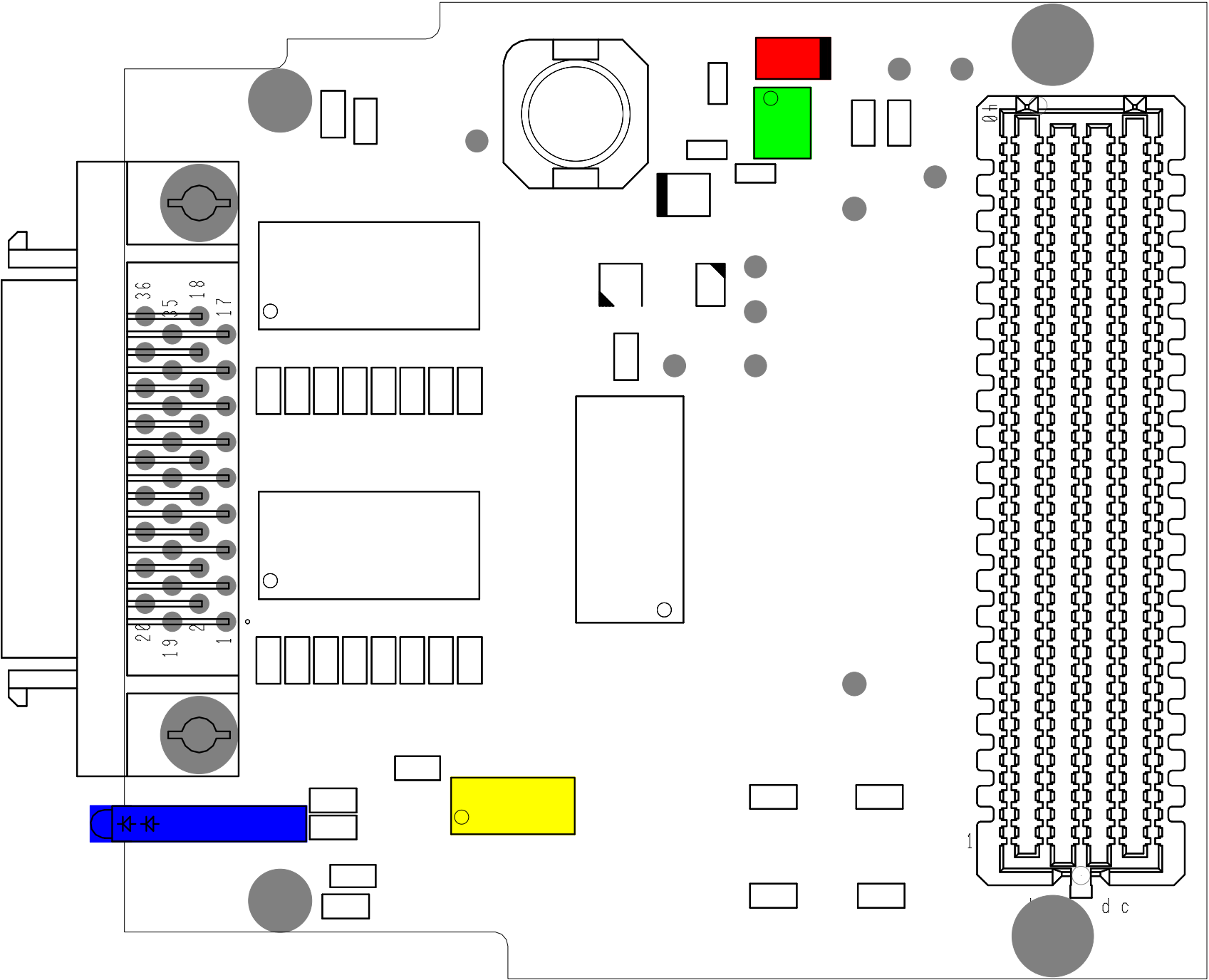
Reference Designator	Qty	Description	Val	Ref. Supplier	Outline
C3-C4	2	10% 16V X7R SMD Multilayer Chip Ceramic Capacitor	4.7uF	CC1206_4.7UF_16V_10%_X5R	1206
C6	1	10% 50V X7R SMD Multilayer Chip Ceramic Capacitor	100nF	CC0805_100NF_50V_10%_X7R	0805
R2,R25	2	1% 0.125W 100ppm/ C General Purpose Thick Film Chip Resistor	1M	R0805_1M_1%_0.125W_100PPM	0805
R4-R20,R22-R23, R26-R27	21	1% 0.125W 100ppm/ C General Purpose Thick Film Chip Resistor	10k	R0805_10K_1%_0.125W_100PPM	0805



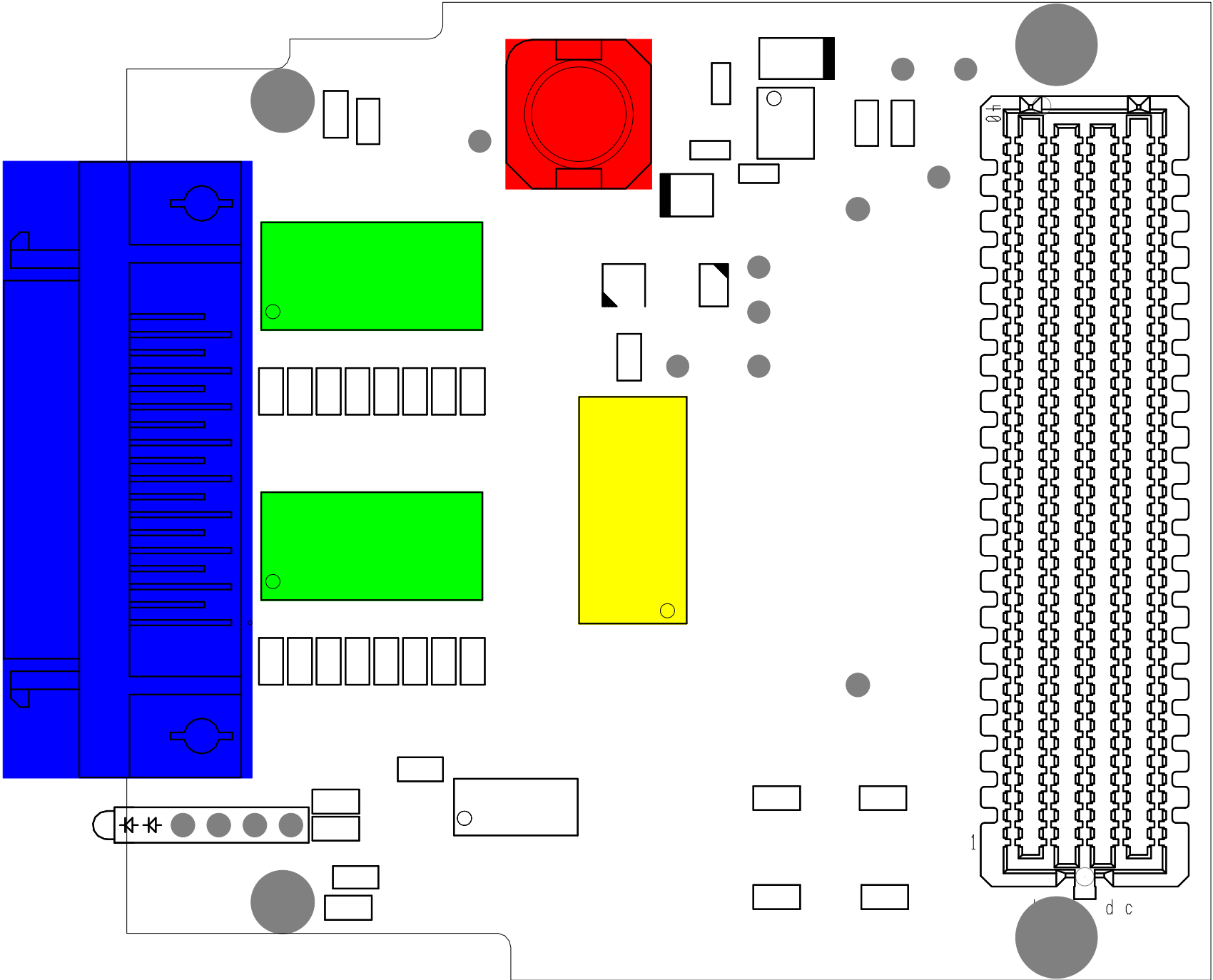
Reference Designator	Qty	Description	Val	Ref. Supplier	Outline
R21,R24	2	1% 0.125W 100ppm/ C General Purpose Thick Film Chip Resistor	750	R0805_750R_1%_0.125W_100PPM	0805
IC2	1	64K I2C Serial EEPROM	24AA64T-I/MC	24AA64T-I/MC	DFN8
IC3	1	2-Wire High-Accuracy Temperature Sensor	MCP9801-M/MS	MCP9801-M/MS	MSOP8
C5	1	10% 6.3U Solid Tantalum Chip Capacitor	100uF	CTE3528-21_100UF_6.3U_10%	B



Reference Designator	Qty	Description	Val	Ref. Supplier	Outline
D1	1	40V 3A Schottky Rectifier	15MQ040NPbF	15MQ040NPbF	DO-214AC
IC1	1	2A, Wide Input Range, Step-Down SWIFT Converter	TPS5420D	TPS5420D	SOIC8
IC7	1	Hex Schmitt-Trigger Inverter	SN74HCT14D	SN74HCT14D	SOIC14
LD1	1	Dual 2mm Green LEDs CBI Circuit Board Indicator	571-0122F	LED_DIALIGHT_571-0122F	



Reference Designator	Qty	Description	Val	Ref. Supplier	Outline
L1	1	20% 1.6A SMT Power Inductors	33uH	IND_33UH_20%_COILCRAFT_MSS1038	
IC4-IC5	2	25 Ohms Octal Bus Transceiver With 3-State Outputs	SN74BCT25245DW	SN74BCT25245DW	SOIC24
IC6	1	2.5-V/3.3-V 16-Bit Bus Transceivers With 3-State Outputs	SN74ALVTH162245DL	SN74ALVTH162245DL	SSOP48
J1	1	36 contacts, Mini D Ribbon (MDR), Right Angle Receptacle-Shielded		3M_10236-5212PC	



Reference Designator	Qty	Description	Val	Ref. Supplier	Outline
J2	1	160 contacts (4 rows cdgh) Surface Mount Male Connector, VITA 57		SAMTEC_ASP-127797-01	

