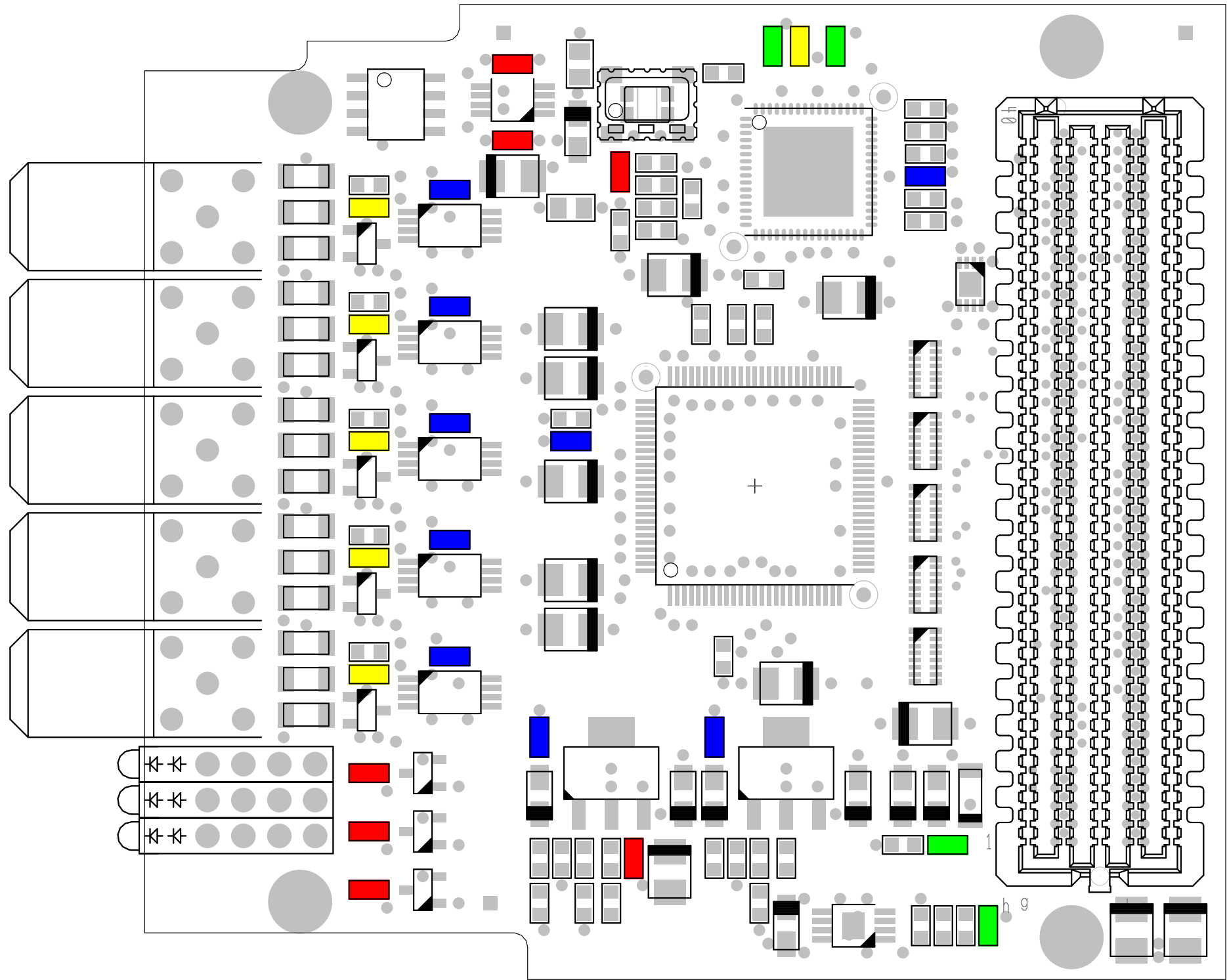
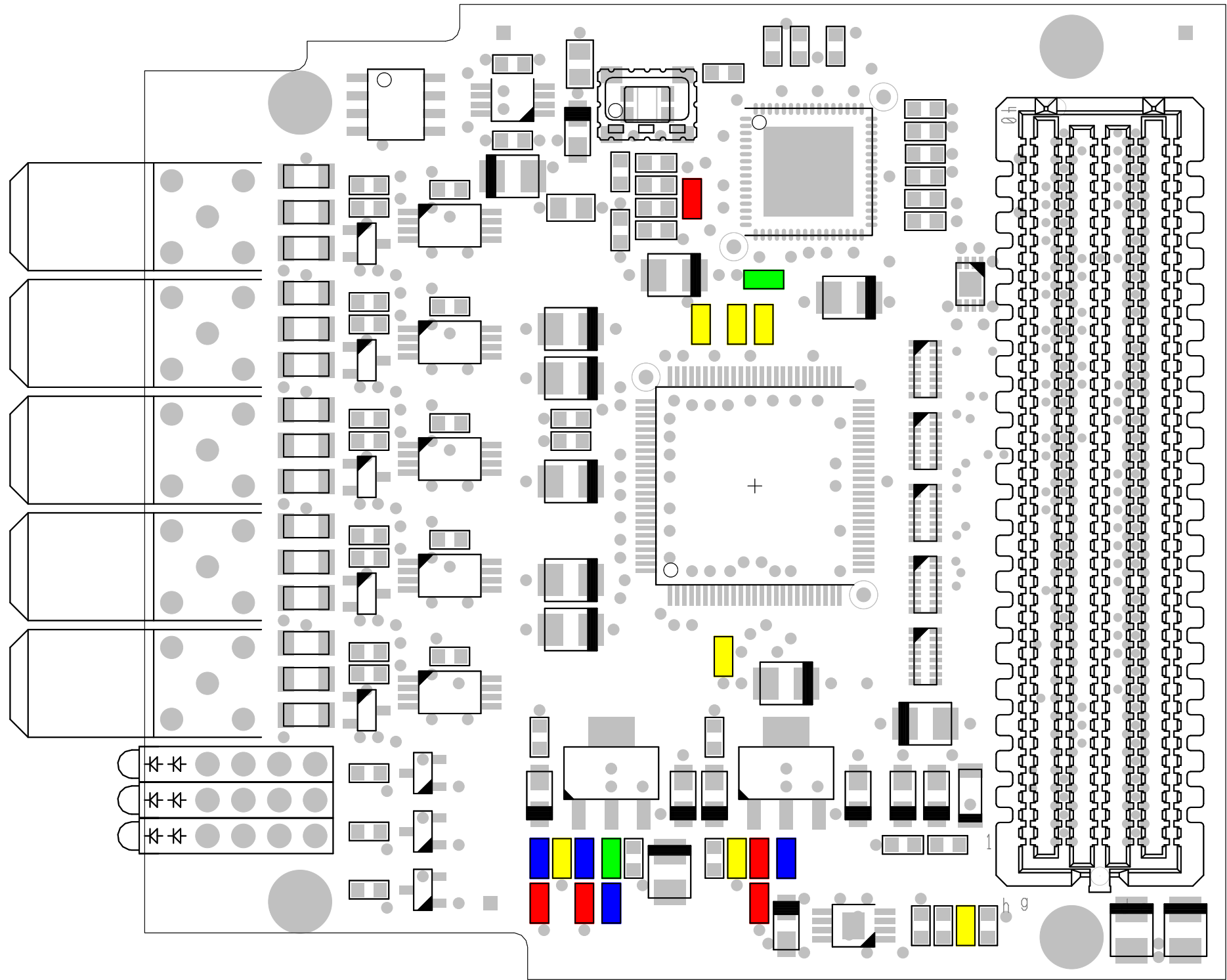


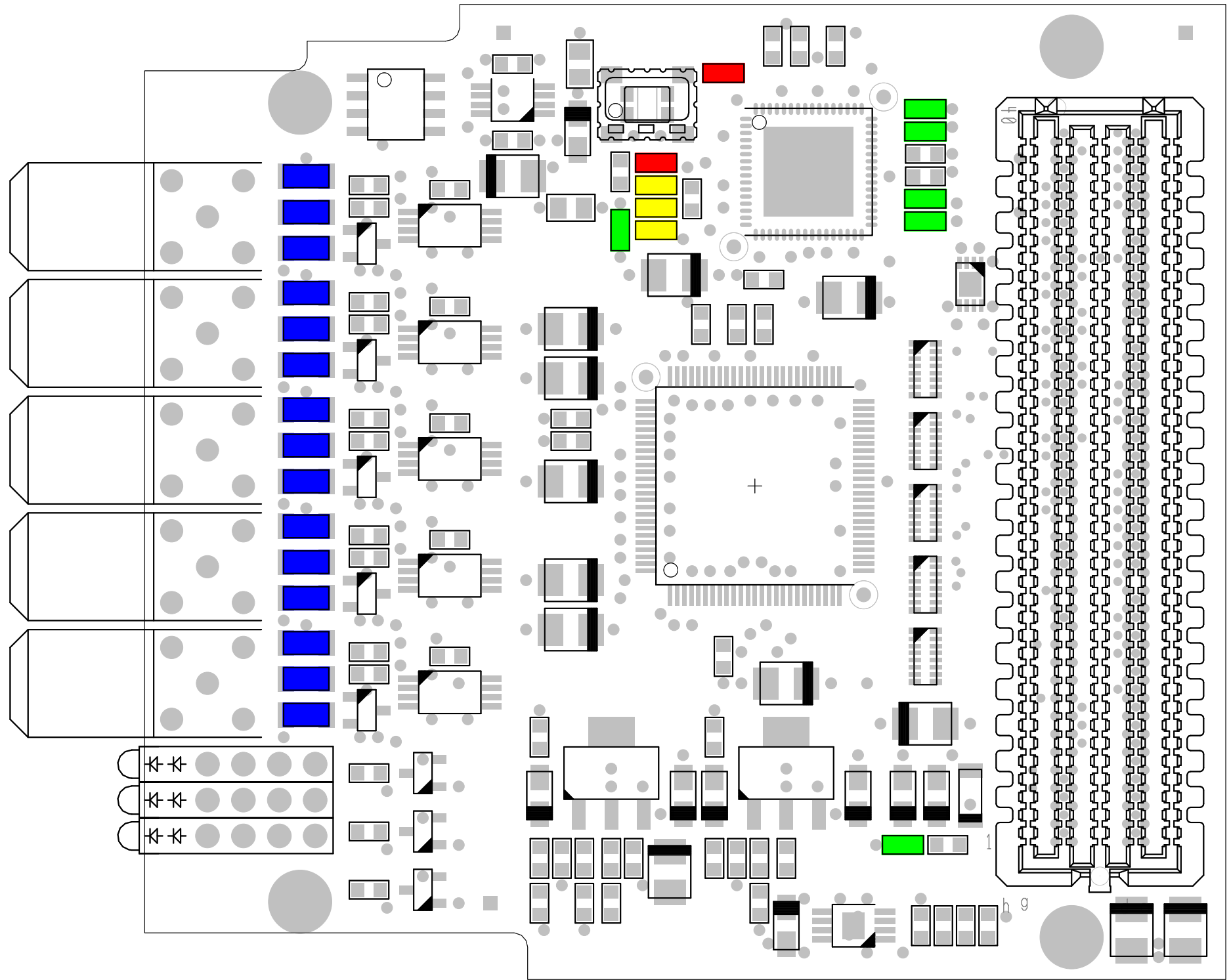
Reference Designator	Qty	Description	Val	Ref.Supplier	Outline
R1,R5,R12,R54-R55, R57,R69	7	1% 0.1W 100ppm/ C General Purpose Thick Film Chip Resistor	330	R0603_330R_1%_0.1W_100PPM	0603
R2,R4,R56,R74	4	1% 0.1W 100ppm/ C General Purpose Thick Film Chip Resistor	5k1	R0603_5K1_1%_0.1W_100PPM	0603
R3,R11A,R11B,R11C, R11D,R11E	6	1% 0.1W 100ppm/ C General Purpose Thick Film Chip Resistor	4k12	R0603_4K12_1%_0.1W_100PPM	0603
R6,R34,R52-R53,R13A, R13B,R13C,R13D,R13E	9	1% 0.1W 200ppm/ C General Purpose Thick Film Chip Resistor	10	R0603_10R_1%_0.1W_200PPM	0603



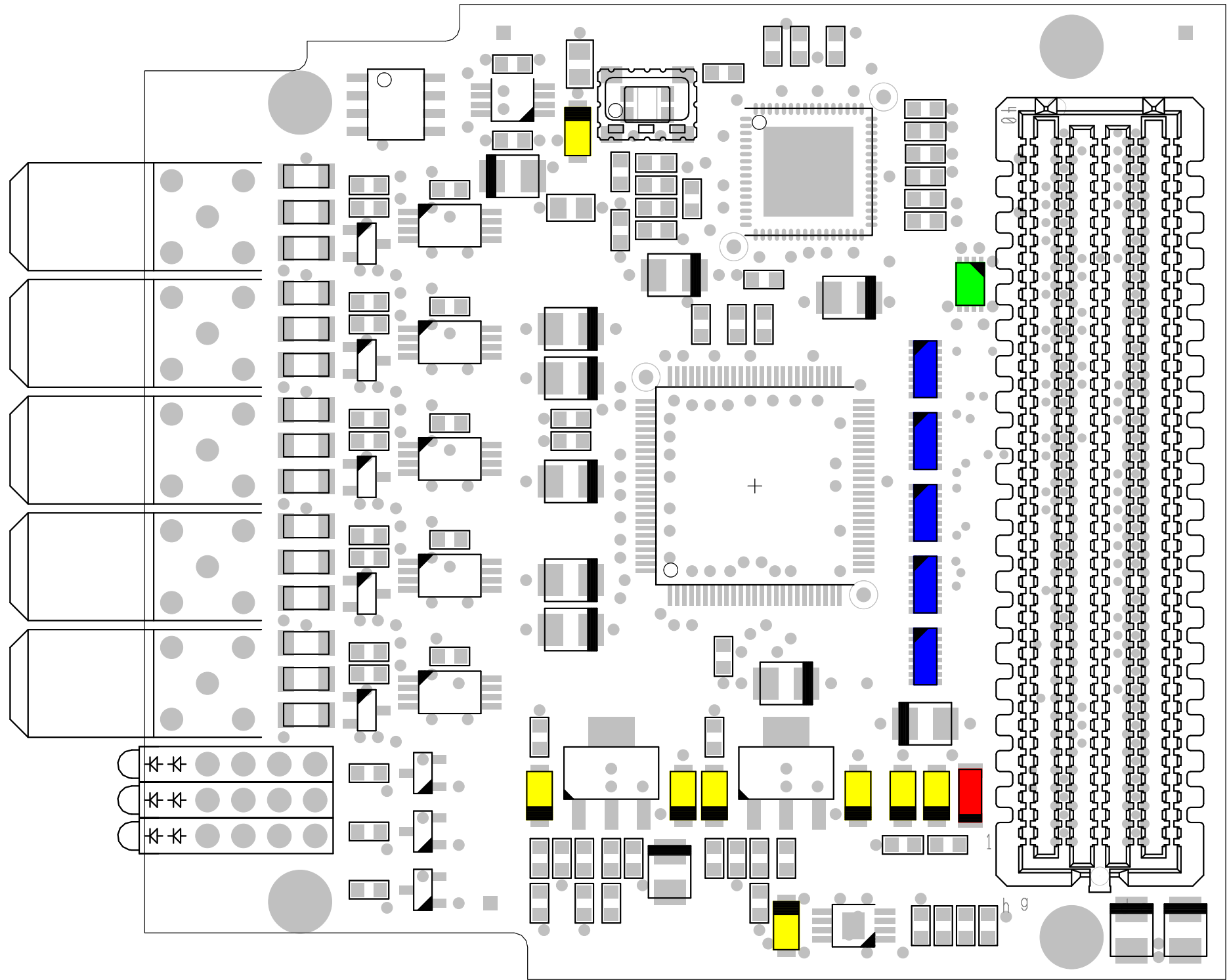
Reference Designator	Qty	Description	Val	Ref.Supplier	Outline
R13,R61,R64-R66	5	1% 0.1W 100ppm/ C General Purpose Thick Film Chip Resistor	1k	R0603_1K_1%_0.1W_100PPM	0603
R20,R67	2	1% 0.1W 100ppm/ C General Purpose Thick Film Chip Resistor	100	R0603_100R_1%_0.1W_100PPM	0603
R24-R26,R48,R59,R62,R73	7	1% 0.1W 100ppm/ C General Purpose Thick Film Chip Resistor	10k	R0603_10K_1%_0.1W_100PPM	0603
R58,R60,R63,R68	4	1% 0.1W 100ppm/ C General Purpose Thick Film Chip Resistor	1k 2	R0603_1K2_1%_0.1W_100PPM	0603



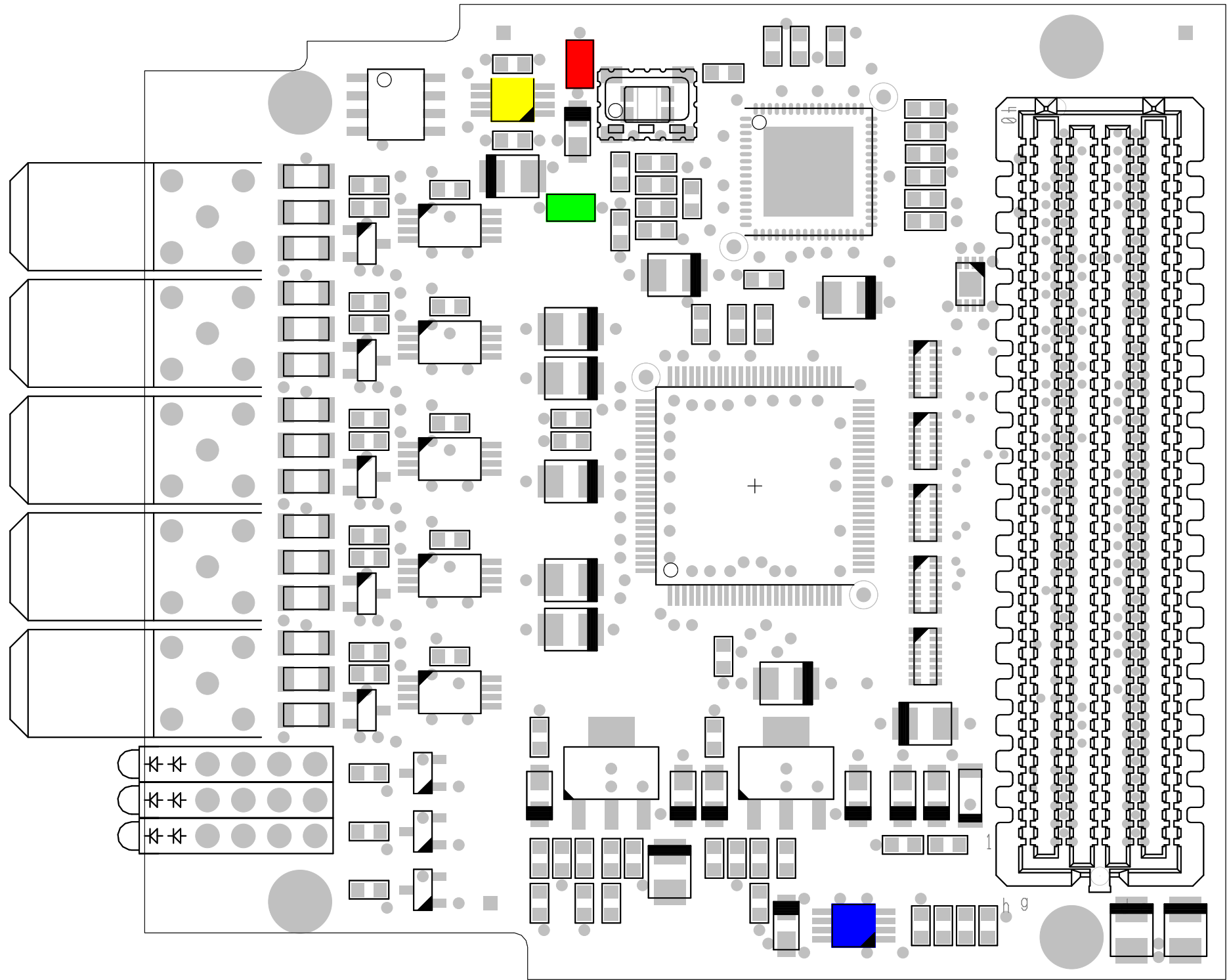
Reference Designator	Qty	Description	Val	Ref.Supplier	Outline
C1,C7	2	10% 50V X7R SMD Multilayer Chip Ceramic Capacitor	22nF	CC0603_22NF_50V_10%_X7R	0603
C2-C3,C6,C8-C9,C26	6	10% 50V X7R SMD Multilayer Chip Ceramic Capacitor	100nF	CC0603_100NF_50V_10%_X7R	0603
C10-C12	3	10% 50V X7R SMD Multilayer Chip Ceramic Capacitor	820pF	CC0603_820PF_50V_10%_X7R	0603
R7A,R7B,R7C,R7D,R7E, R8A,R8B,R8C,R8D,R8E, R9A,R9B,R9C,R9D,R9E	15	1% 0.25W 100ppm/ C General Purpose Thick Film Chip Resistor	150	R1206_150R_1%_0.25W_100PPM	1206



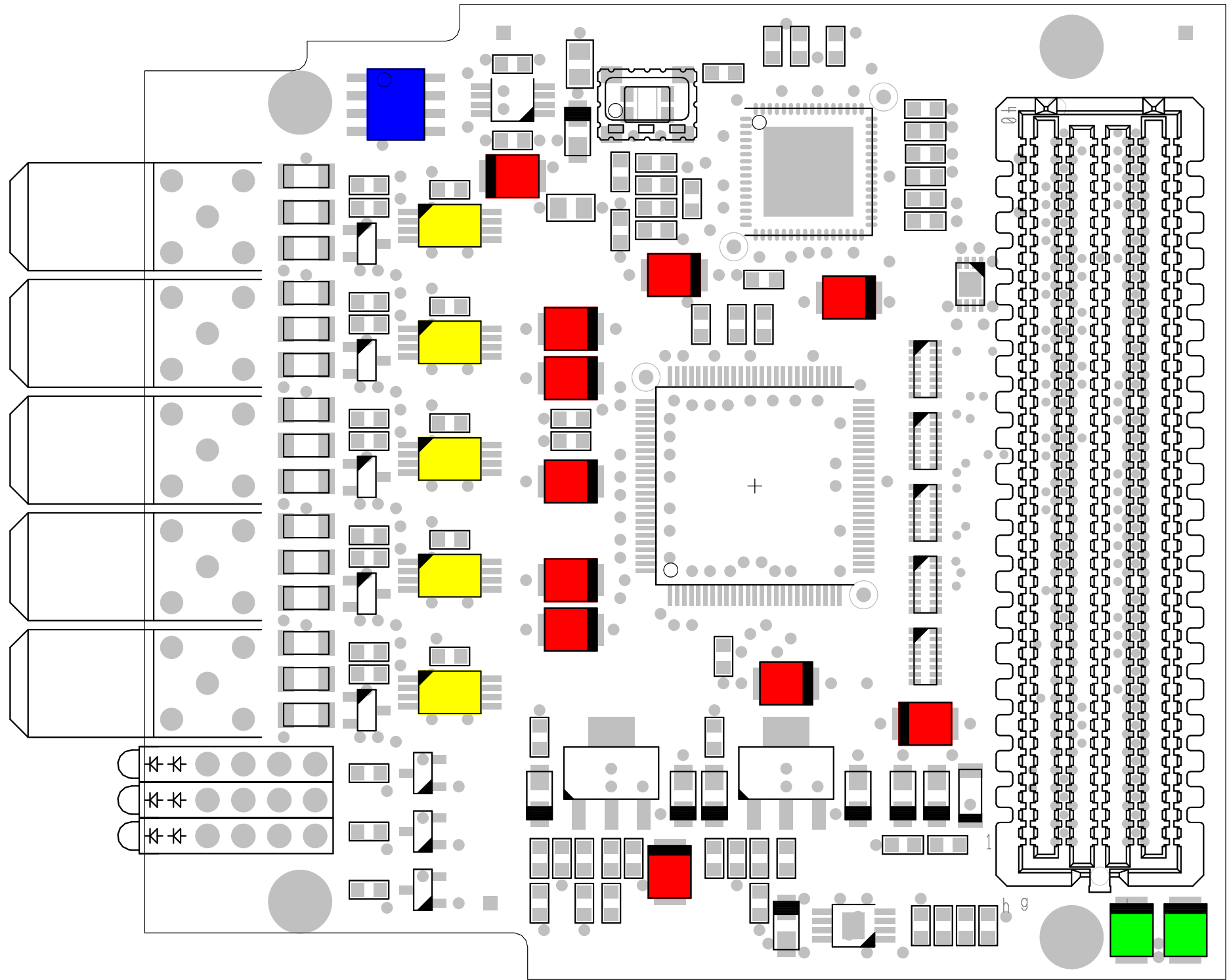
Reference Designator	Qty	Description	Val	Ref.Supplier	Outline
D1	1	5V1 500mW Voltage Regulator Diode	BZV55-B5V1	BZV55-B5V1	SOD-80C
IC5	1	1.7V-5.5V, 64K (8K x 8-bit) I2C Serial EEPROM	24AA64T-I/MC	24AA64T-I/MC	DFN8
C4.C22-C25,C28-C29,C68	8	20% 16V ESR 0R200 Tantalum Solid Electrolytic Chip Capacitor with Conductive Polymer Elec	10uF	CTE3216-18_10UF_16V_20%_AUX_TCJ	A
RN1-RN5	5	5% 0.062W 200ppm/ C Chip Resistor Array , 8 Isolated Resistor (Side Convex Terminal)	33	RN_33R_YAGEO_YC248-JR-0733RL	



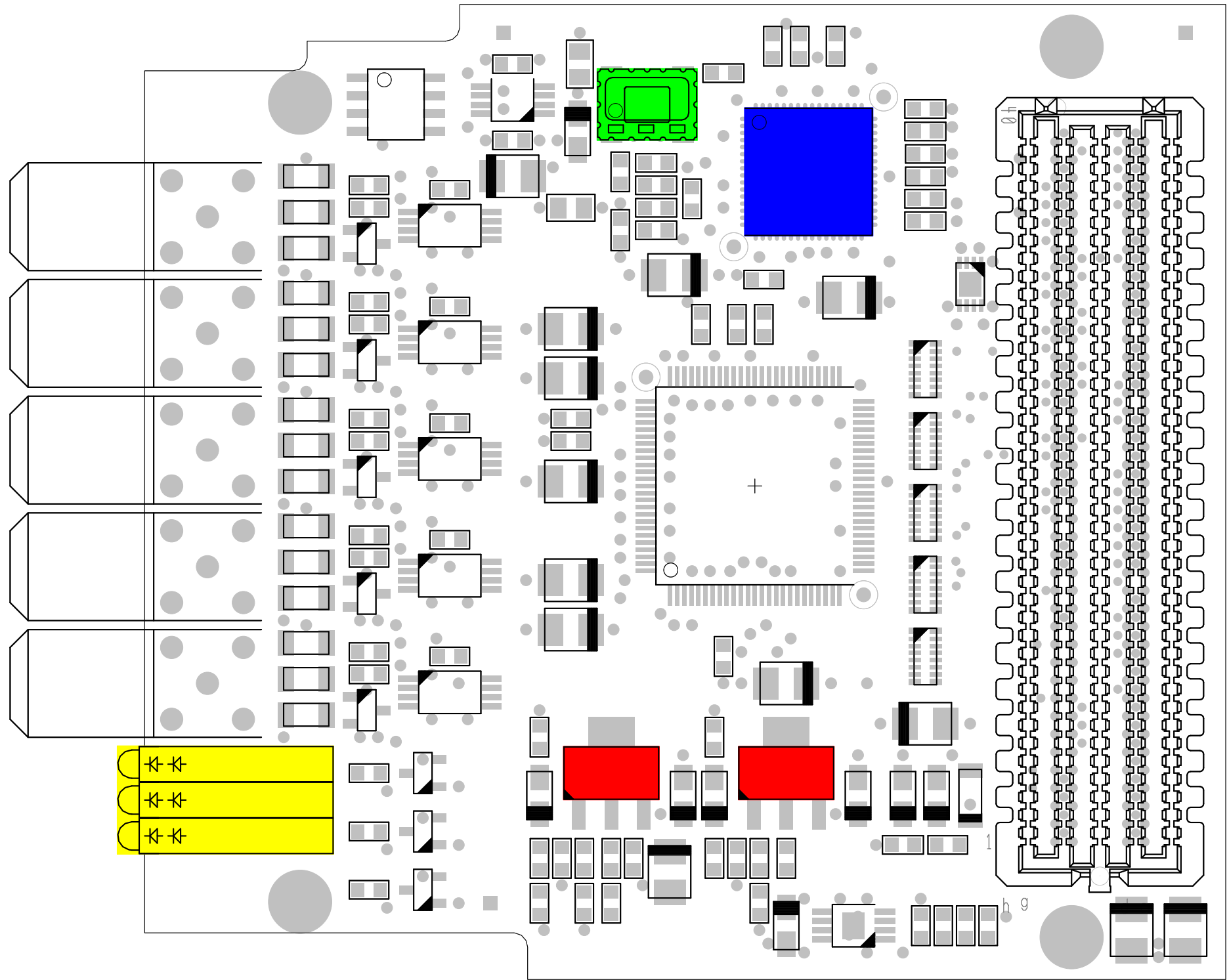
Reference Designator	Qty	Description	Val	Ref. Supplier	Outline
L1	1	20% 300mA Wound Chip Power Inductors (CB Serie)	4.7uH	IND0805_4.7uH_20%_TAIYO-YUDEN_CB	0805
L2	1	25% 2A SMD EMIFIL Suppression Chip Ferrite Bead	220R@100MHz	IND0805_MURATA_BLM21PG221SN1D	0805
IC2	1	2.7V to 5.5V, 250uA, Rail-to-Rail Output 16-Bit nanoDAC	AD5662BRMZ-1	AD5662BRMZ-1	MSOP8
IC13	1	Triple Processor Supervisors	TPS3307-33DGN	TPS3307-33DGN	TSSOP8



Reference Designator	Qty	Description	Val	Ref.Supplier	Outline
C5,C13-C21,C27	11	10% 6.3V Low ESR 0R25 Solid Tantalum Chip Capacitor	47uF	CTE3528-21_47UF_6.3V_10%_ESR0250	B
C30-C31	2	10% 20V Low ESR 0R4 Solid Tantalum Chip Capacitor	22uF	CTE3528-21_22UF_20V_10%_ESR0400	B
IC1A, IC1B, IC1C, IC1D, IC1E	5	3.3 V and 2.5 V LVCMOS 1:2 High-Performance Clock Buffer	CDCLVC1102PW	CDCLVC1102PW	TSSOP8
IC1	1	2.5V Voltage Reference Diode	LM1336M-2.5/NOPB	LM1336M-2.5/NOPB	SOIC8



Reference Designator	Qty	Description	Val	Ref. Supplier	Outline
IC11-IC12	2	1.25V to 13.8V, 800mA, Adjustable Low-Dropout Linear Regulator	LM1117MPX-ADJ/NOPB	LM1117MPX-ADJ/NOPB	SOT223
OSC1	1	HCCMOS 15pF 3.3V 0.5ppm -40 to 85 Square Wave Surface Mount TCVCXO Temperature	20MHz	OSC_20MHZ_IQD_LF TUX0009917	
LD1-LD3	3	Dual 2mm Yellow LEDs CBI Circuit Board Indicator (Without positioning pins)		LED_DIALIGHT_571-0133F	
IC4	1	14-Output Clock Generator with Integrated 1.6 GHz VCO	AD9516-4BCPZ	AD9516-4BCPZ	QFN64



Reference Designator	Qty	Description	Val	Ref. Supplier	Outline
J1-J5	5	Size 00, 50 Ohms Coaxial Elbow (90°) socket		LEMO_EPL.00.250.NTN	
IC8	1	Multifunctional High-End Time-to-Digital Converter (4 different operation modes)	TDC-GPX	TDC-GPX	QFP100
J6	1	160 contacts (4 rows cdgh) Surface Mount Male Connector, VITA 57 (MC-LPC-10)		SAMTEC_ASP-134604-01	

