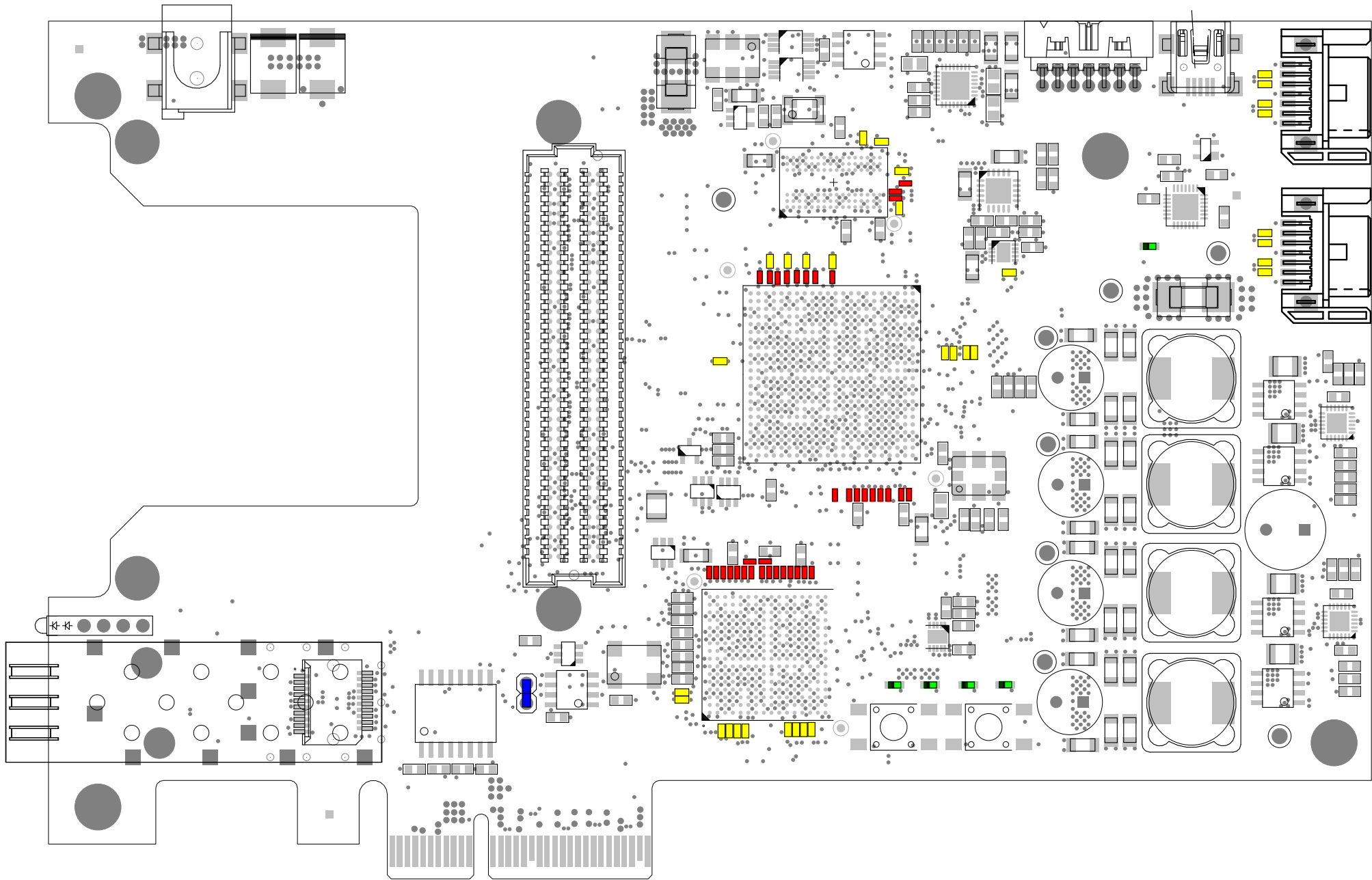
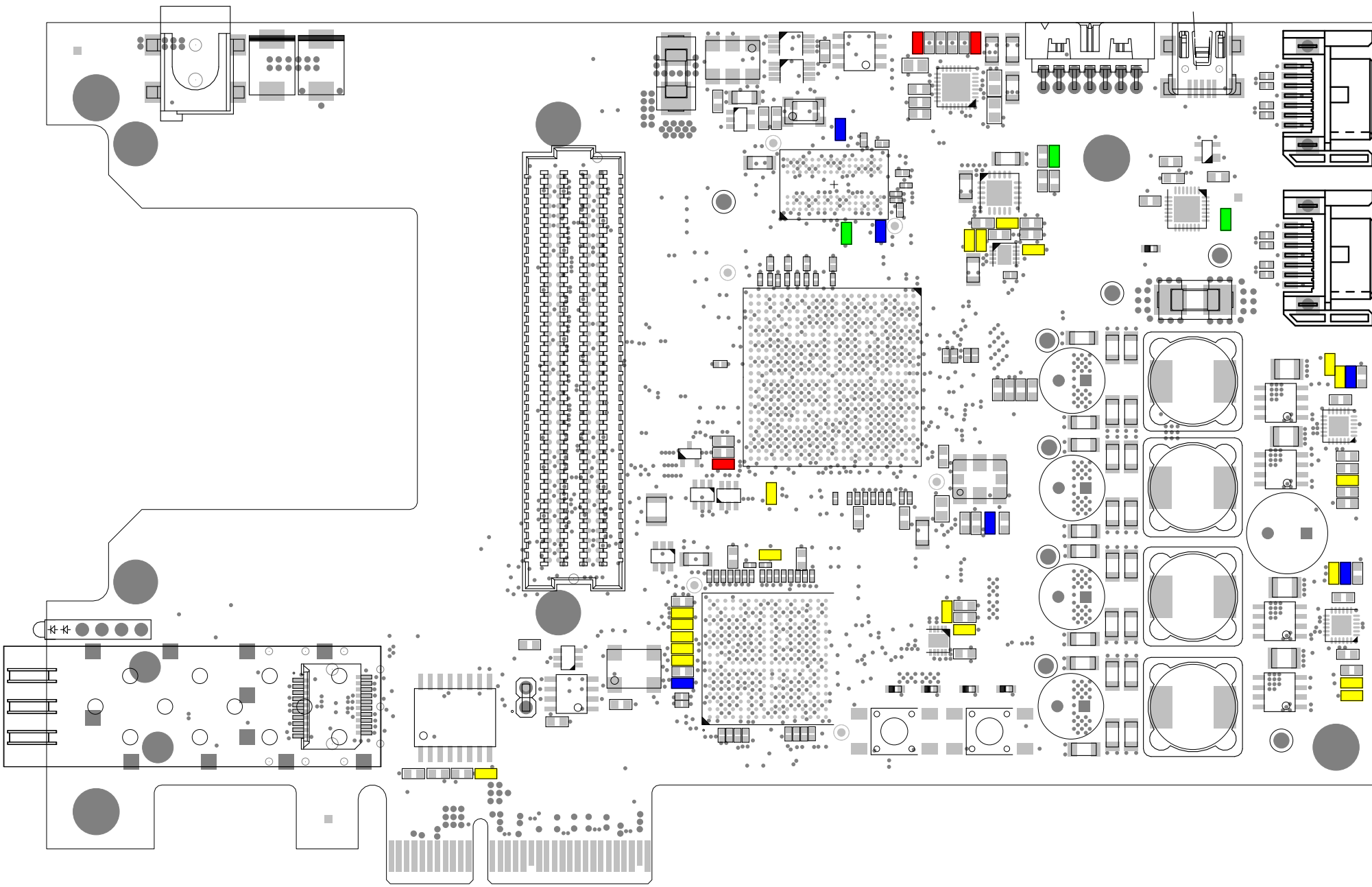


Reference Designator	Qty	Description	Val	Ref. Supplier	Outline
R10,R42-R44,R52,R56,R58-R59,R71-R72,R74,R77, R122-R123,R125-R126,R132,R134-R135,R154, R156,R158,R160-R162,R172,R175-R185	37	1% 0.0625W 100ppm/ C General Purpose Thick Film Chip Resistor	51	R0402_51R_1%_0.0625W_100PPM	0402
LD2-LD6	5	Low current chip LED SML-311 Serie		LED_ROHM_SML-311UTT06K	
C8,C25,C281-C283,C28,C284-C285,C30,C286,C31, C287-C290,C46,C61,C64,C93,C95,C98,C100-C101, C103,C112,C116-C117,C157,C162-C165	32	10% 16V X7R SMD Multilayer Chip Ceramic Capacitor	100nF	CC0402_100NF_16V_10%_X7R	0402
SW1	1	Closed Insulated Black Jumper Pitch 2.54mm		COMATEL_313.1730.0.00.40.0	

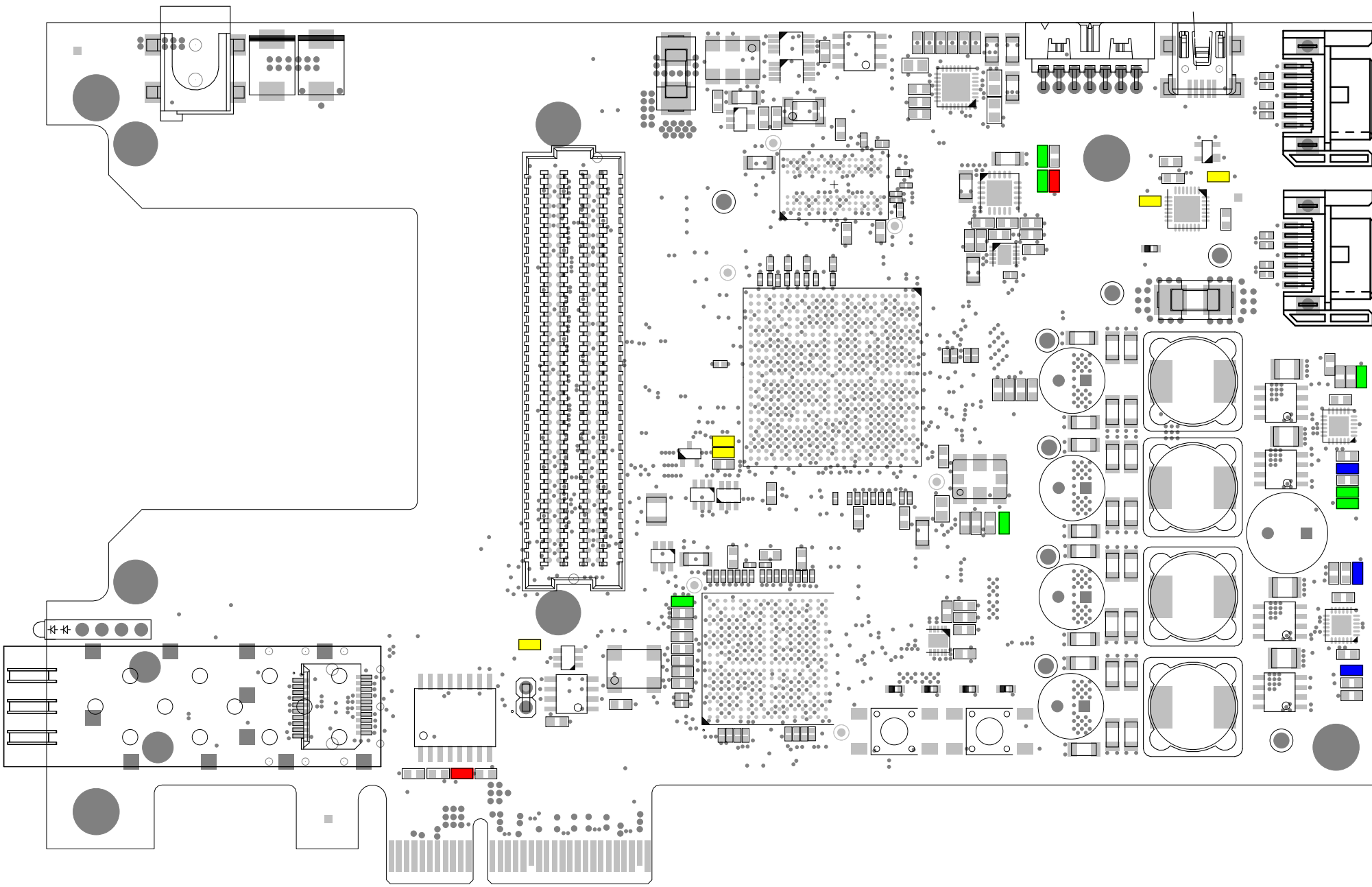


Reference Designator	Qty	Description	Val	Ref. Supplier	Outline
R3, R35, R253	3	1A (<0.05R Max DC Resistance> Zero Ohm Jumper	0	R0603_0R_JUMPER	0603
R141, R144, R148	3	1% 0.1W 100ppm/ C General Purpose Thick Film Chip Resistor	100	R0603_100R_1%_0.1W_100PPM	0603
R290, R38, R60, R82, R98, R100, R113, R138, R151, R168, R190, R195, R205-R206, R208, R227, R230, R232-R233, R243	20	1% 0.1W 100ppm/ C General Purpose Thick Film Chip Resistor	10k	R0603_10K_1%_0.1W_100PPM	0603
R88, R90, R149, R152, R191, R242	6	1% 0.1W 100ppm/ C General Purpose Thick Film Chip Resistor	5k1	R0603_5K1_1%_0.1W_100PPM	0603



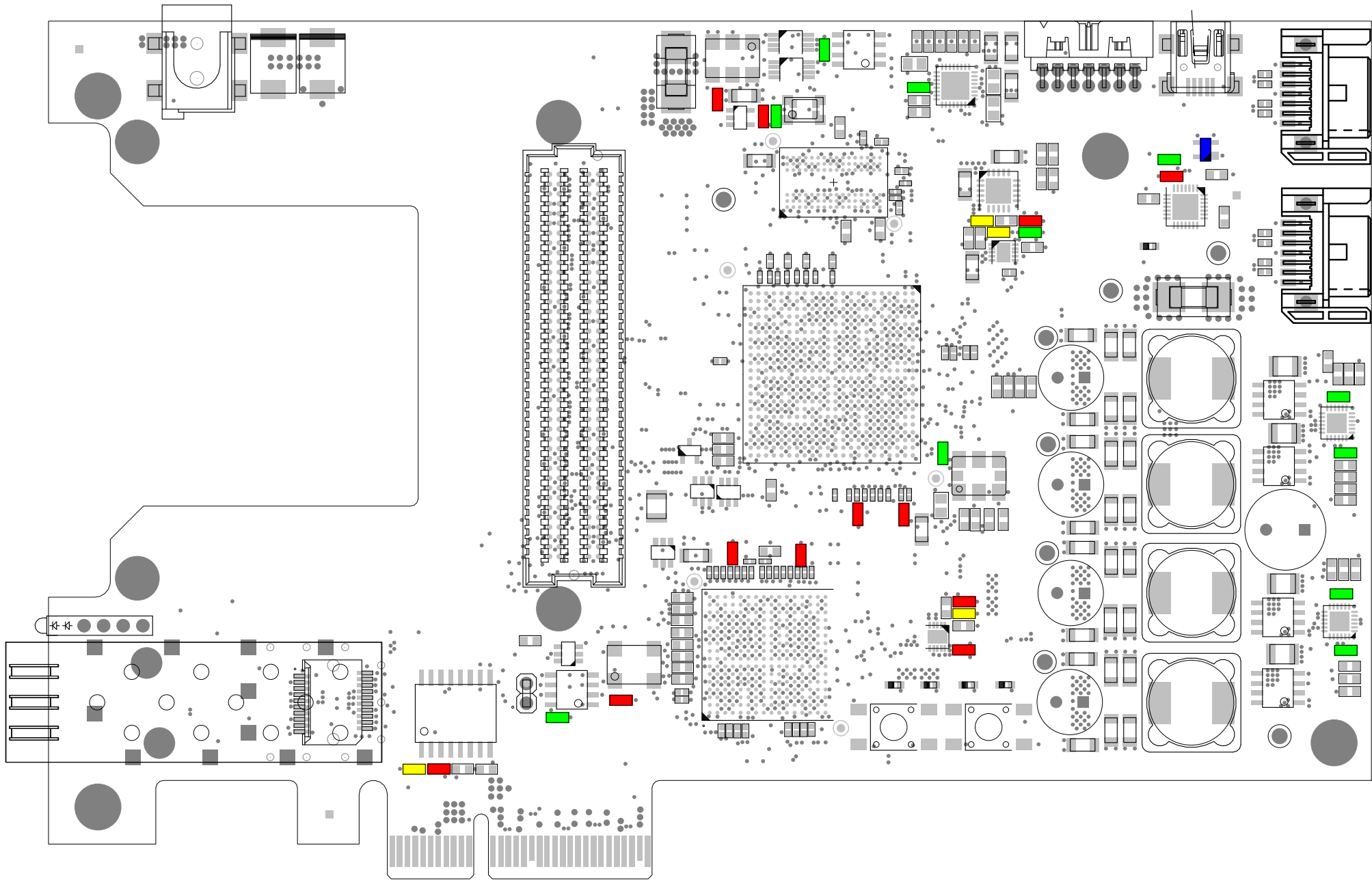
TOP
DEM
BE NORBERT

Reference Designator	Qty	Description	Val	Ref. Supplier	Outline
R147, R163	2	1% 0.1W 100ppm/ C General Purpose Thick Film Chip Resistor	240	R0603_240R_1%_0.1W_100PPM	0603
R30, R146, R166-R167, R192, R200, R212	7	1% 0.1W 100ppm/ C General Purpose Thick Film Chip Resistor	1k	R0603_1K_1%_0.1W_100PPM	0603
R93, R97, R103, R114, R143	5	1% 0.1W 100ppm/ C General Purpose Thick Film Chip Resistor	3k 3	R0603_3K3_1%_0.1W_100PPM	0603
R111, R186, R248	3	1% 0.1W 100ppm/ C General Purpose Thick Film Chip Resistor	27k	R0603_27K_1%_0.1W_100PPM	0603

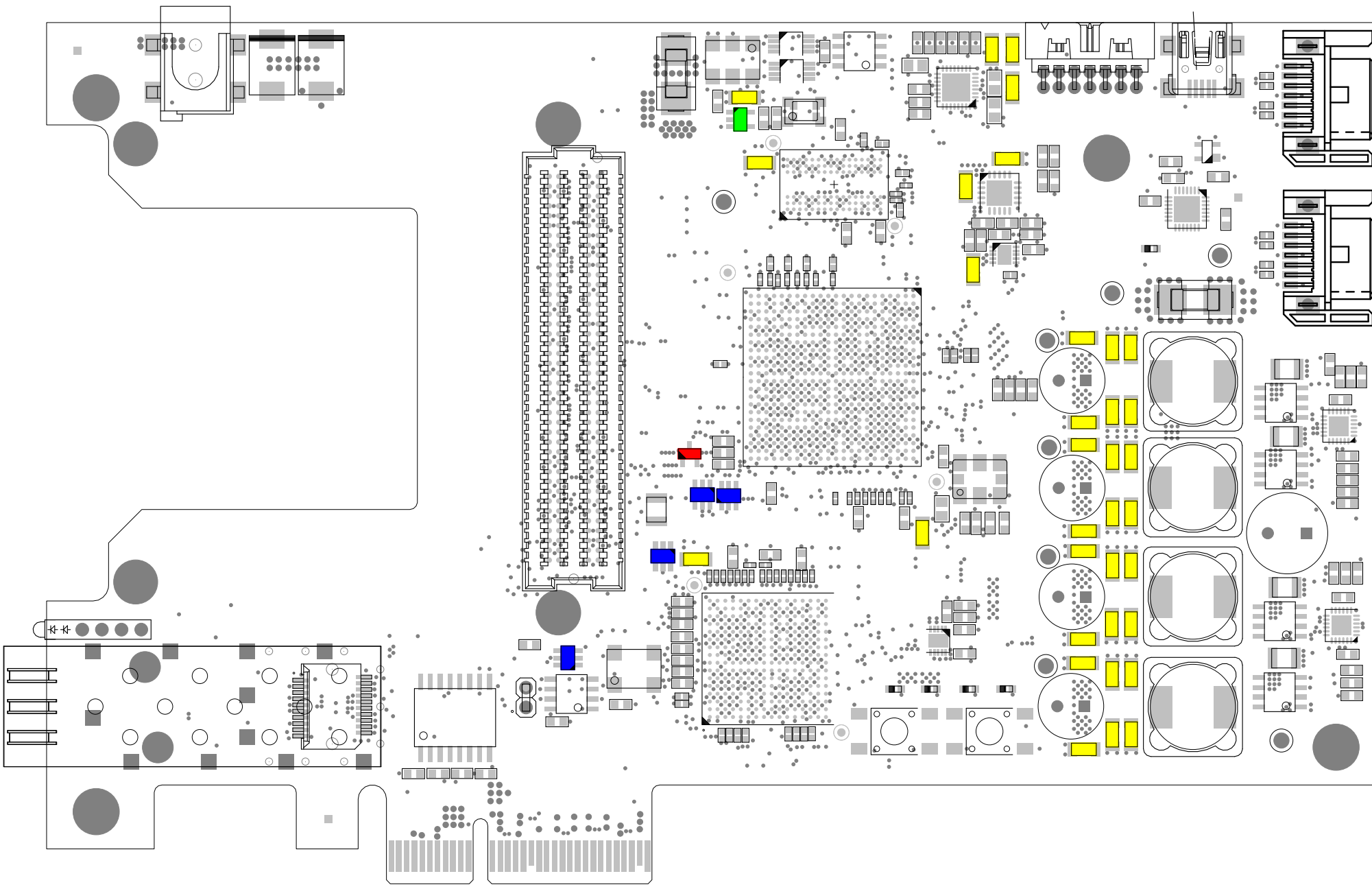


TOP
DEM
BE NORBERT

Reference Designator	Qty	Description	Val	Ref. Supplier	Outline
C1, C24, C294, C296, C301, C303, C589, C88, C129, C200, C468, C476	12	10% 16V X7R SMD Multilayer Chip Ceramic Capacitor	1uF	CC0603_1uF_16V_10%_X7R	0603
C2, C263, C10, C17, C200, C29, C38, C581, C392, C166, C201	11	10% 50V X7R SMD Multilayer Chip Ceramic Capacitor	100nF	CC0603_100nF_50V_10%_X7R	0603
C13, C18, C130, C255	4	10% 50V X7R SMD Multilayer Chip Ceramic Capacitor	10nF	CC0603_10nF_50V_10%_X7R	0603
IC22	1	5.5V Ultra Low Capacitance (1pF) Double Rail-to-Rail ESD Protection Diode (8kV)	PRTR5U0U2X	PRTR5U0U2X	SOT143B

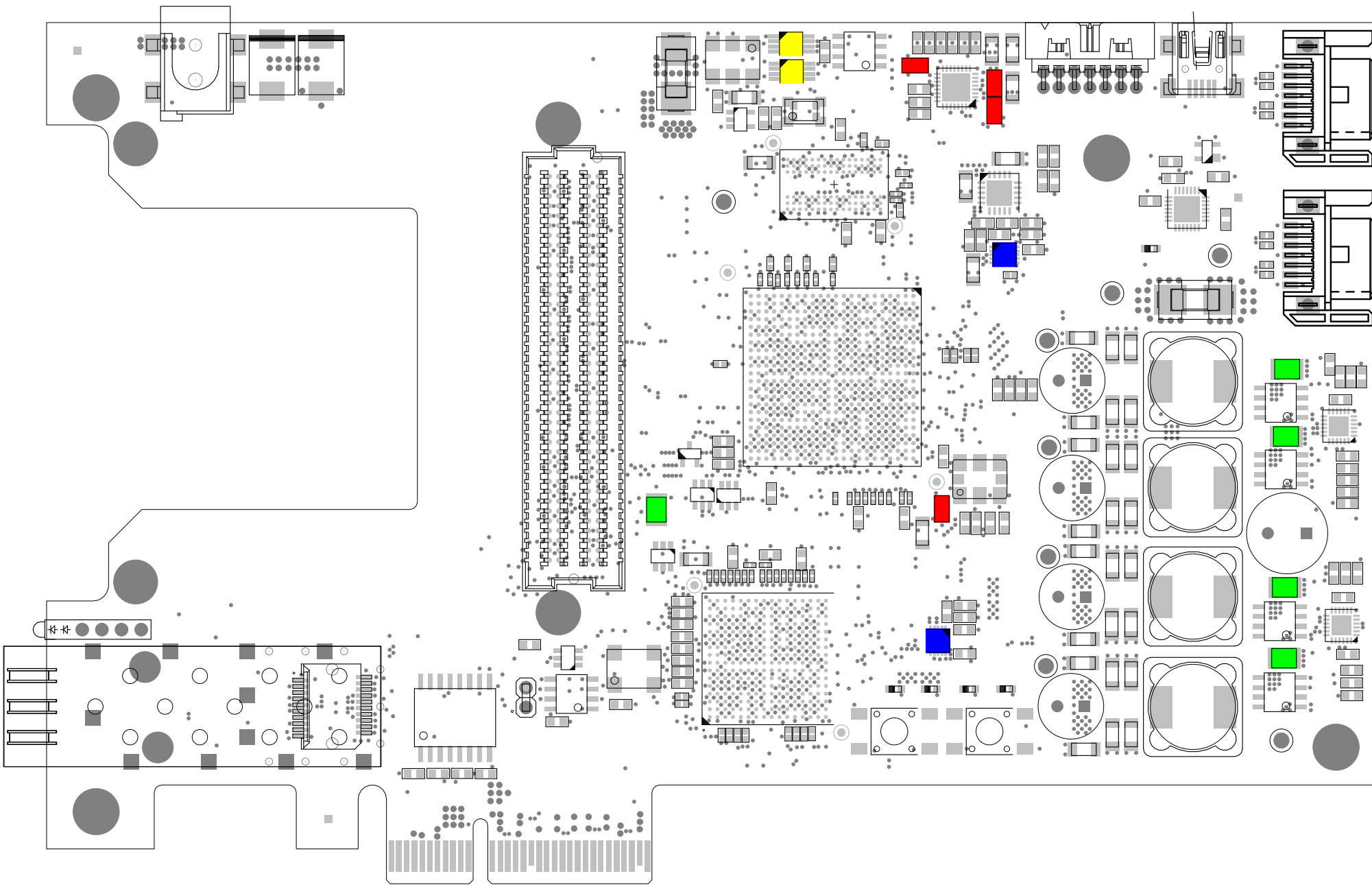


Reference Designator	Qty	Description	Val	Ref. Supplier	Outline
T7	1	50V 200mA N-Channel Enhancement Mode Field-Effect Transistor	BSH103	BSH103	SOT23-3
IC1	1	3V, 150mA Micropower Low-Dropout CMOS Voltage Regulator	LP5951MF-3, 0/NOPB	LP5951MF-3, 0/NOPB	SOT23-5
C39,C41,C43-C44,C72,C74-C80,C82,C85-C87,C89-C92,C128,C135-C137,C139,C176,C179-C180,C182,C208-C210,C213-C214	34	10% 10V X7R SMD Multilayer Chip Ceramic Capacitor	22uF	CC1206_22UF_10V_10%_X7R	1206
IC12-IC14, IC18	4	Configurable Multiple-Function Gate	SN74LVC1G97DBUR	SN74LVC1G97DBUR	SOT23-6



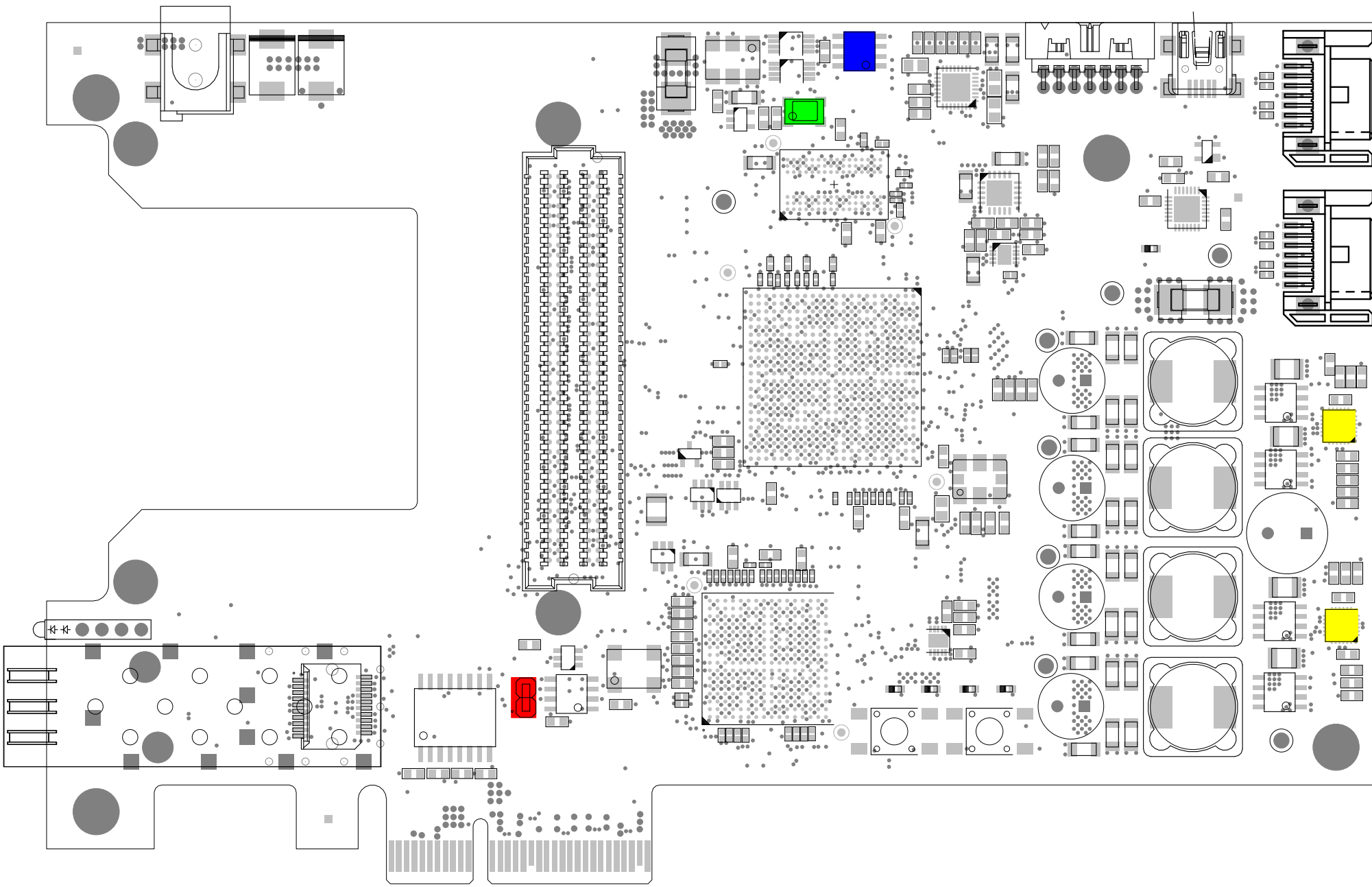
TOP
DEM
BE NORBERT

Reference Designator	Qty	Description	Val	Ref. Supplier	Outline
L2-L3,L6,L21	4	25% 2A SMD EMIFIL Suppression Chip Bead Ferrite	220R@100MHz	IND0805_MURATA_BLM21PG221SN1D	0805
C67,C71,C175,C206,C217	5	10% 25V X7R SMD Multilayer Chip Ceramic Capacitor	10uF	CC1210_10UF_25V_10%_X7R	1210
IC3,IC7	2	2.7V to 5.5V, 250uA, Rail-to-Rail Output 16-Bit nanoDAC	AD5662BRMZ-1	AD5662BRMZ-1	MSOP8
IC5,IC17	2	3.3V Sink/Source DDR Termination Regulator	TPS51200DRCT	TPS51200DRCT	SON10



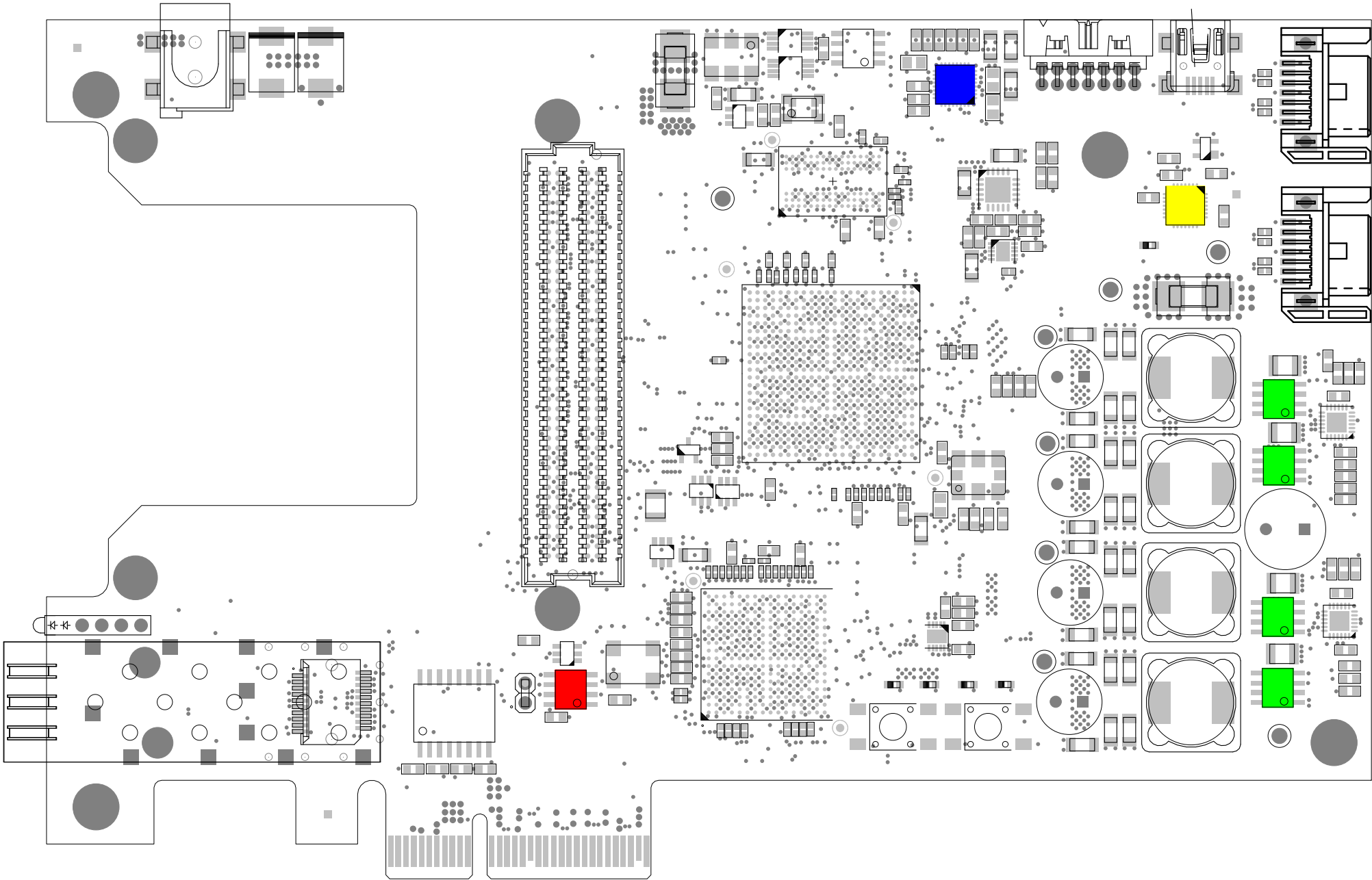
TOP
DEM
BE NORBERT

Reference Designator	Qty	Description	Val	Ref. Supplier	Outline
W1	1	2 Contacts SIL Vertical Pin Header, Pitch 2.54mm, Mating Height 6.1mm, Insulator 2.54mm		HARWIN_M20-9990246	
OSC5	1	3V 2.5ppmVoltage Controlled Temperature Compensated Crystal Oscillator UM53S3 Serie	25MHz	OSC_25MHZ_MERCURY_UM53S3-25.000-2.5/-30+75	
IC9,IC11	2	Dual Synchronous Step-Down Controller For Low Voltage Power Rails	TPS53126RGET	TPS53126RGET	QFN24
IC10	1	2.5V Voltage Reference Diode	LM336M-2.5/NOPB	LM336M-2.5/NOPB	SOIC8

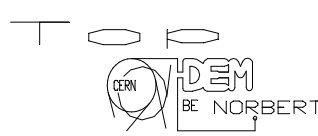
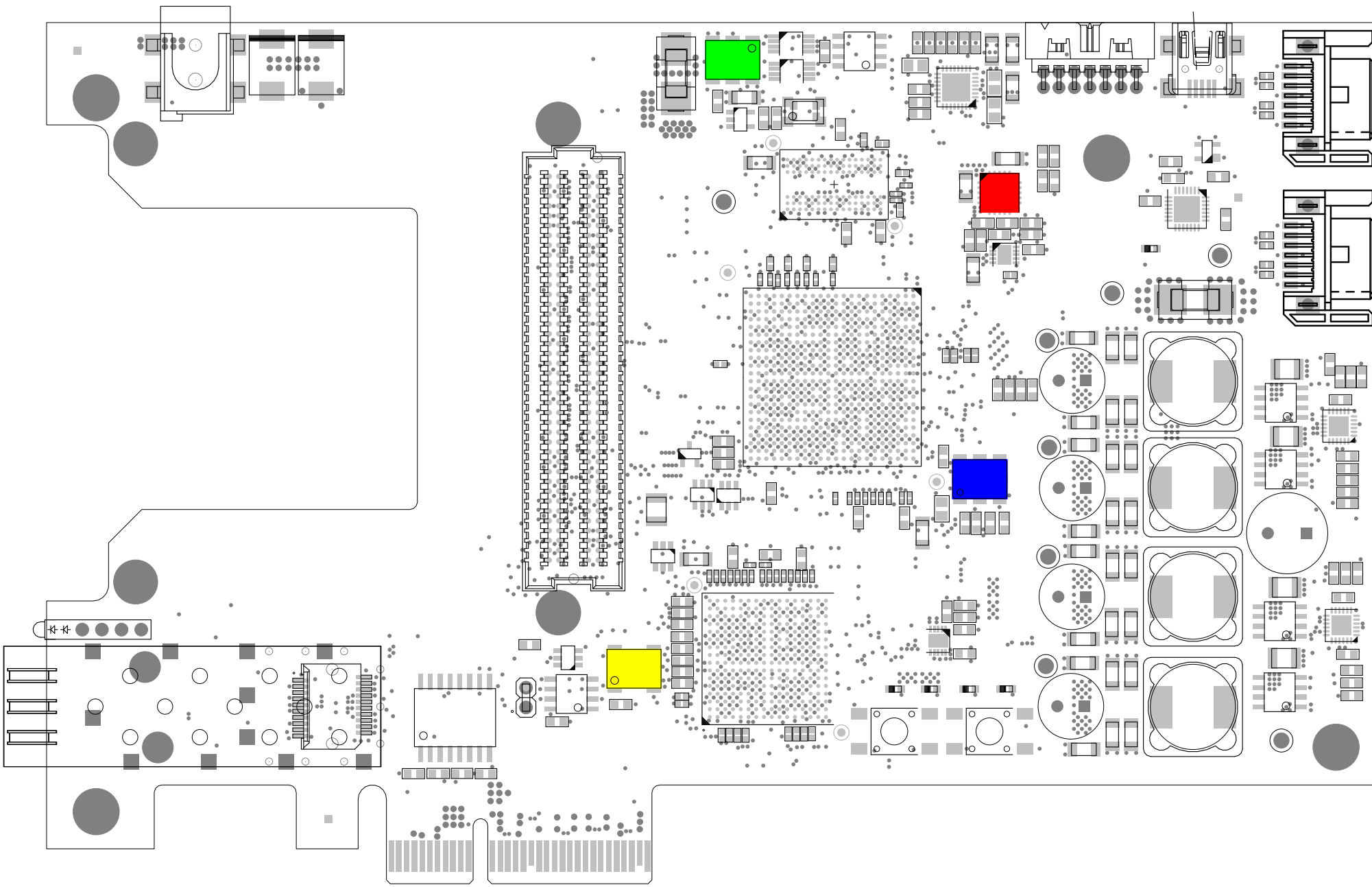


TOP
DEM
BE NORBERT

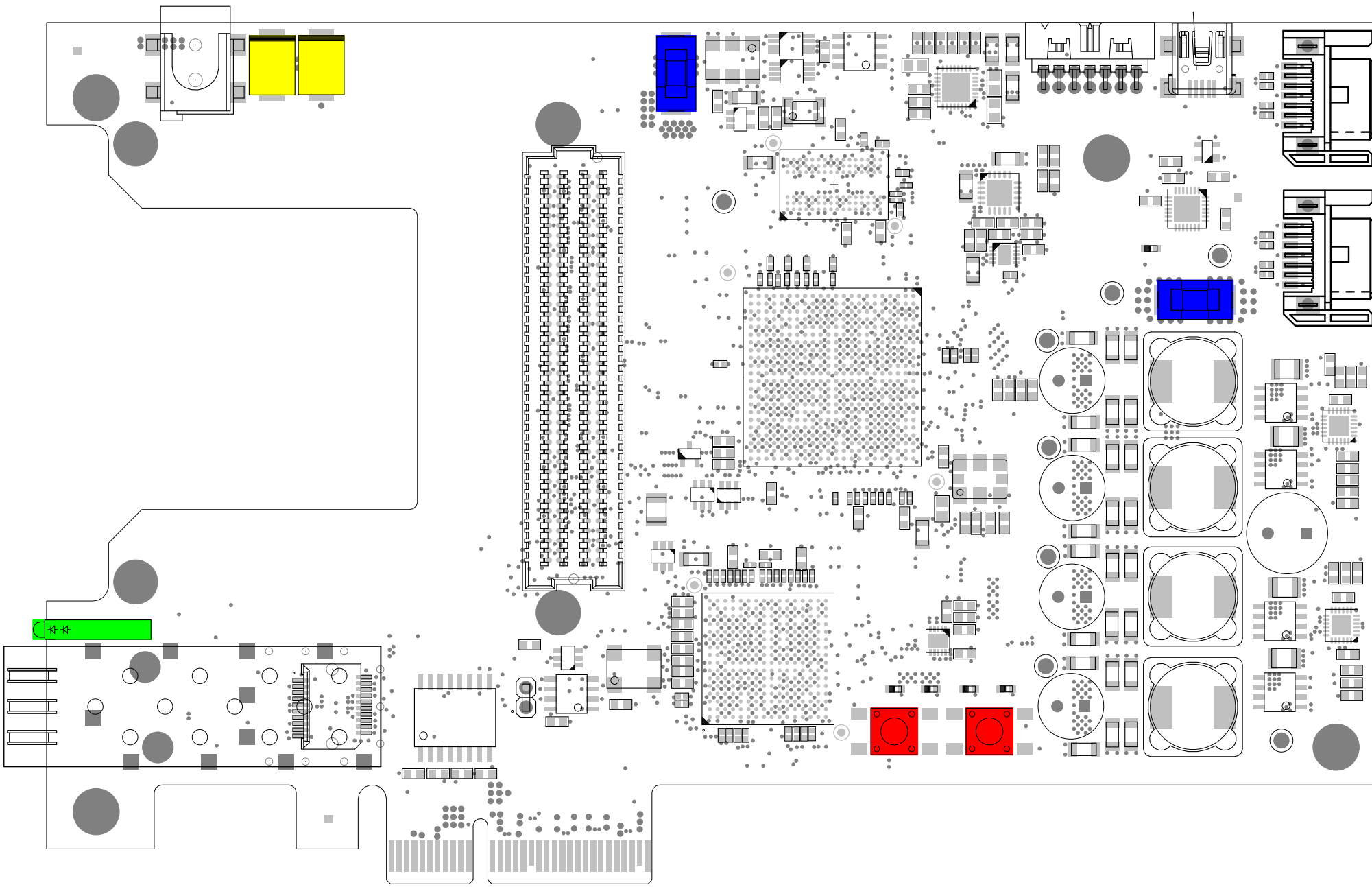
Reference Designator	Qty	Description	Val	Ref. Supplier	Outline
IC16	1	2.5V-5.5V, 2K (256 x 8-bit) I2C Serial EEPROM With Half-Array Write Protect	24LC024H-1/SN	24LC024H-1/SN	SOIC8
T3-T6	4	20V 10A(Q1) 20V 12A (Q2) Dual SO-8 MOSFET For POL Cconverter	IRF9310Pb f	IRF9310Pb f	DO8
IC21	1	Single-Chip USB to UART Bridge	CP2102-GM	CP2102-GM	QFN28
IC6	1	Four Output, Integrated VCO, Low-Jitter Clock Generator	CDCM61004RHBT	CDCM61004RHBT	QFN32



Reference Designator	Qty	Description	Val	Ref. Supplier	Outline
IC40	1	Single Output LDO, 3.0A, Adj.<0.8 to 3.3V>, Fast Transient Response, Programmable SoftStart	TPS74401RGWT	TPS74401RGWT	QFN20
OSC2	1	3.3V 100ppm 15pF HCMOS Tri-State Surface Mount Voltage Controlled Oscillator UCXO <CFPU-45 S		OSC_20MHz_IQD_LF UCXO026156	
OSC3	1	3V3 100ppm 50pF Tri-State Surface Mount MOS Clock Oscillator <DT7 Serie>	25MHz	OSC_25MHz_MULTICOMP_MCOT7250003V300000RA	
OSC4	1	10-280MHz 3.3V 20ppm LVDS Any-Rate I2C Programmable XO Oscillator Si570 Serie	10-280MHz	OSC_10-280MHz_SILICON-LAB_Si570BBC000121DG	

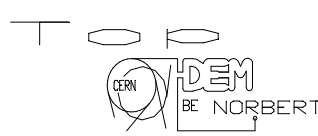
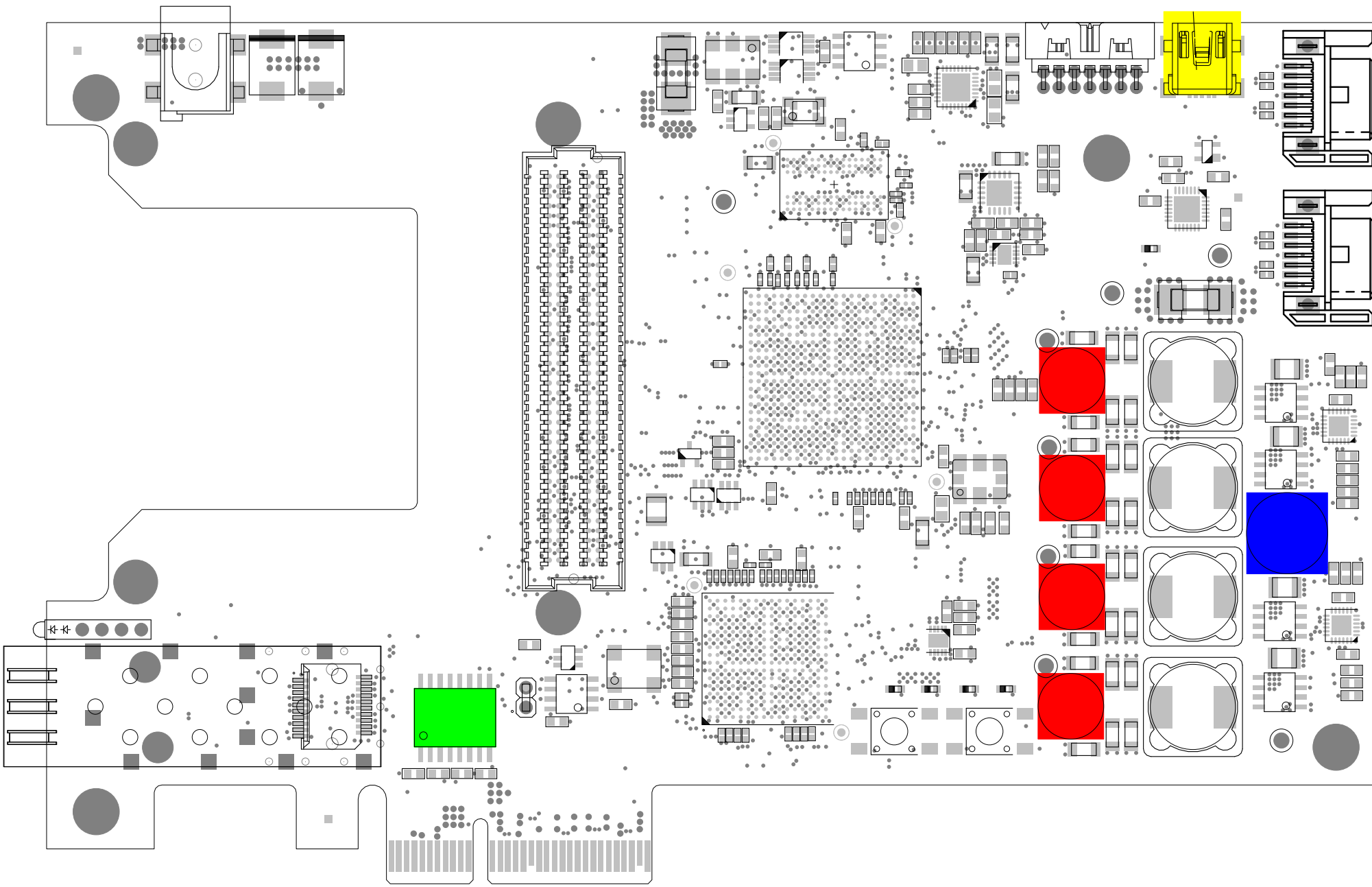


Reference Designator	Qty	Description	Val	Ref. Supplier	Outline
PB1-PB2	2	12VDC 50mA SPST Tactile Push-Button Switch		PB_TYCO_ALCOWITCH_FSM2J5MA	
LD1	1	Dual 2mm LEDs, Red Top, Green Bot, CBI Circuit Board Indicator (Without positioning pins)		LED_DIALIGHT_571-0112F	
D1-D2	2	48V 3A Surface Mount Schottky Barrier Rectifier	SS3+	SS3+	DO-214AC
F2-F3	2	SMF OMNI-BLOCK Very Fast-Acting Fuse and Holder	3A-125V	FUSE_LITTELFUSE_0154003_DR	

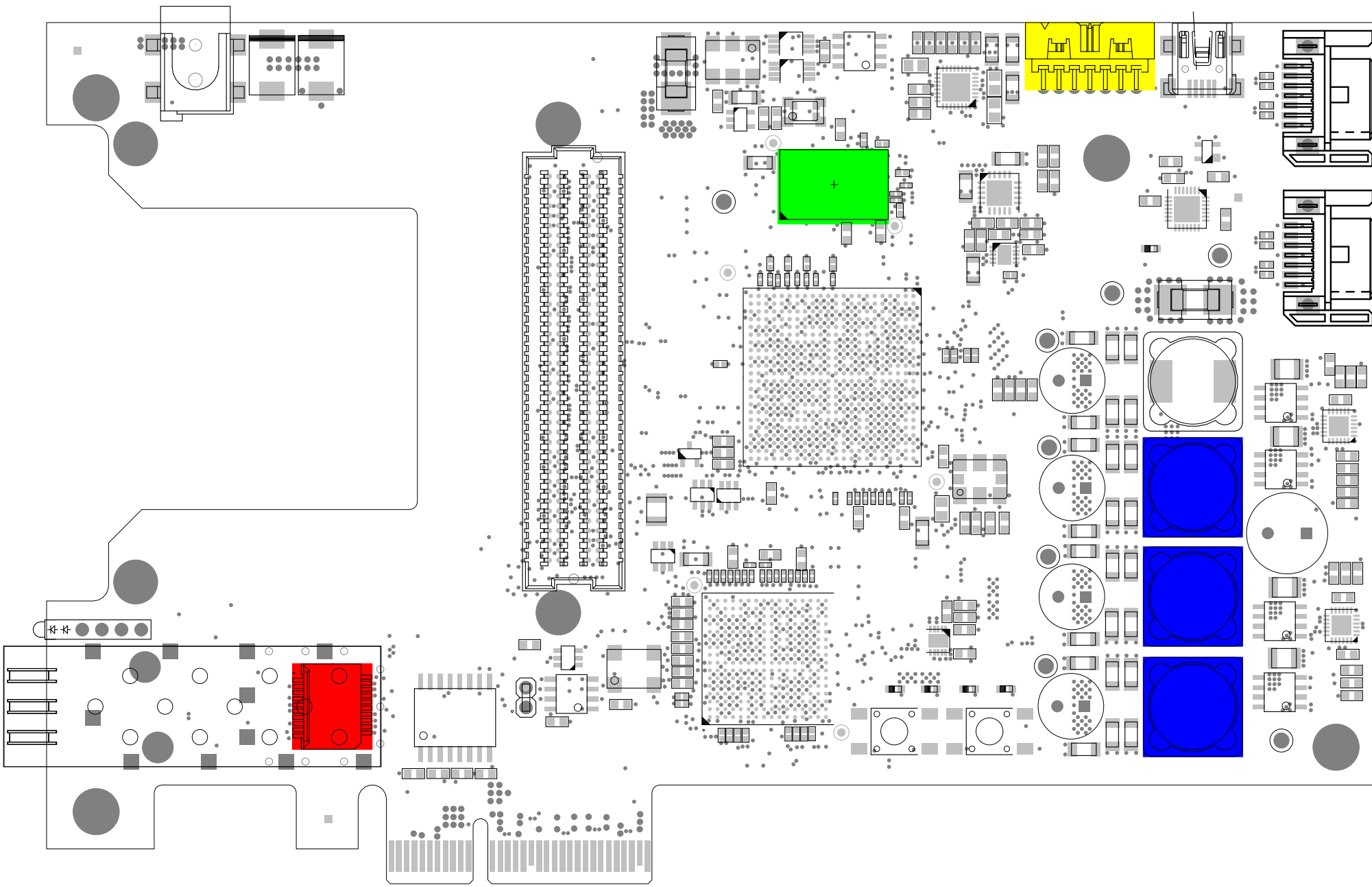


TOP
DEM
BE NORBERT

Reference Designator	Qty	Description	Val	Ref. Supplier	Outline
C68,C171,C199,C215	4	20% 6.3V Aluminium Solid Capacitor With Conductive Polymer (SEQP Serie)	150uF	CAER_150uF_6.3V_20%_SANYO_6SEQP150M	LS3.5 D8 x H7
IC8	1	32 Mbit, Low-Voltage, Serial Flash Memory With 75MHz SPI Bus Interface	M25P32-V1F6P	M25P32-V1F6P	SOIC16
J8	1	5 Position, Right Angle, SMD Mini USB Type B Receptacle		TYCO_1734035-1	
C193	1	20% 16V Aluminium Solid Capacitor With Conductive Polymer (SEQP Serie)	150uF	CAER_150uF_16V_20%_SANYO_16SEQP150M	LS5 D10 x H8

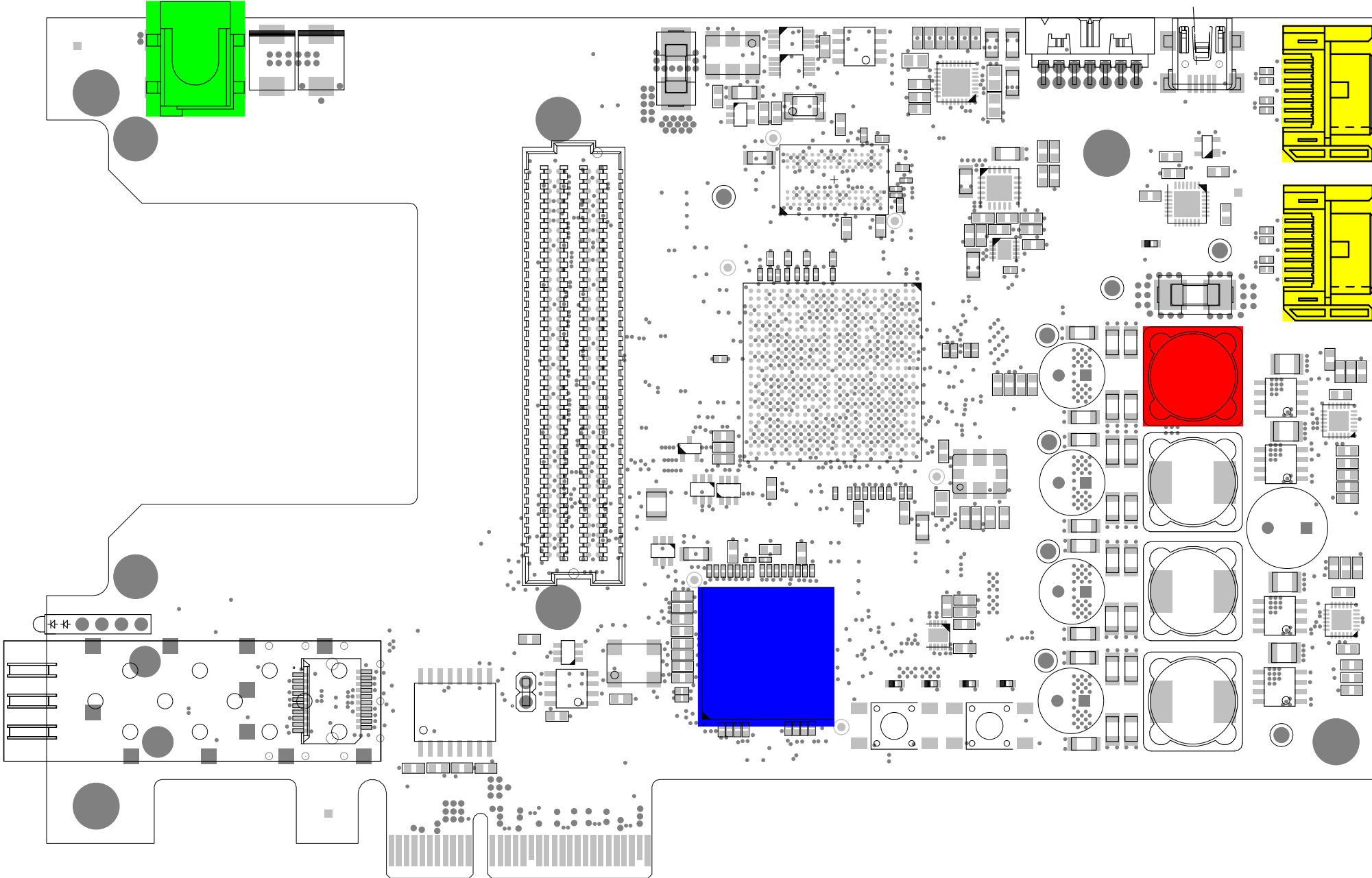


Reference Designator	Qty	Description	Val	Ref. Supplier	Outline
J7	1	20 Position, Pitch 0.8mm SFP Receptacle (Small Form-factor Pluggable)		TYCO_1367073-1	
IC4	1	16 Meg x 16 x 8 Banks DDR3 SDRAM, +1.5V Supply	MT41J128M16HA-15E	MT41J128M16HA-15E	BGA96
J3	1	2.00mm (.079") Pitch Milli-Grid Header, Right Angle, Shrouded, Center Polarization Slot, Lo			
L12-L13,L15	3	30% 8.8A Shielded SMD Power Inductors	1.5uH	IND_1.5uH_30%_BOURNS_SRR1260	

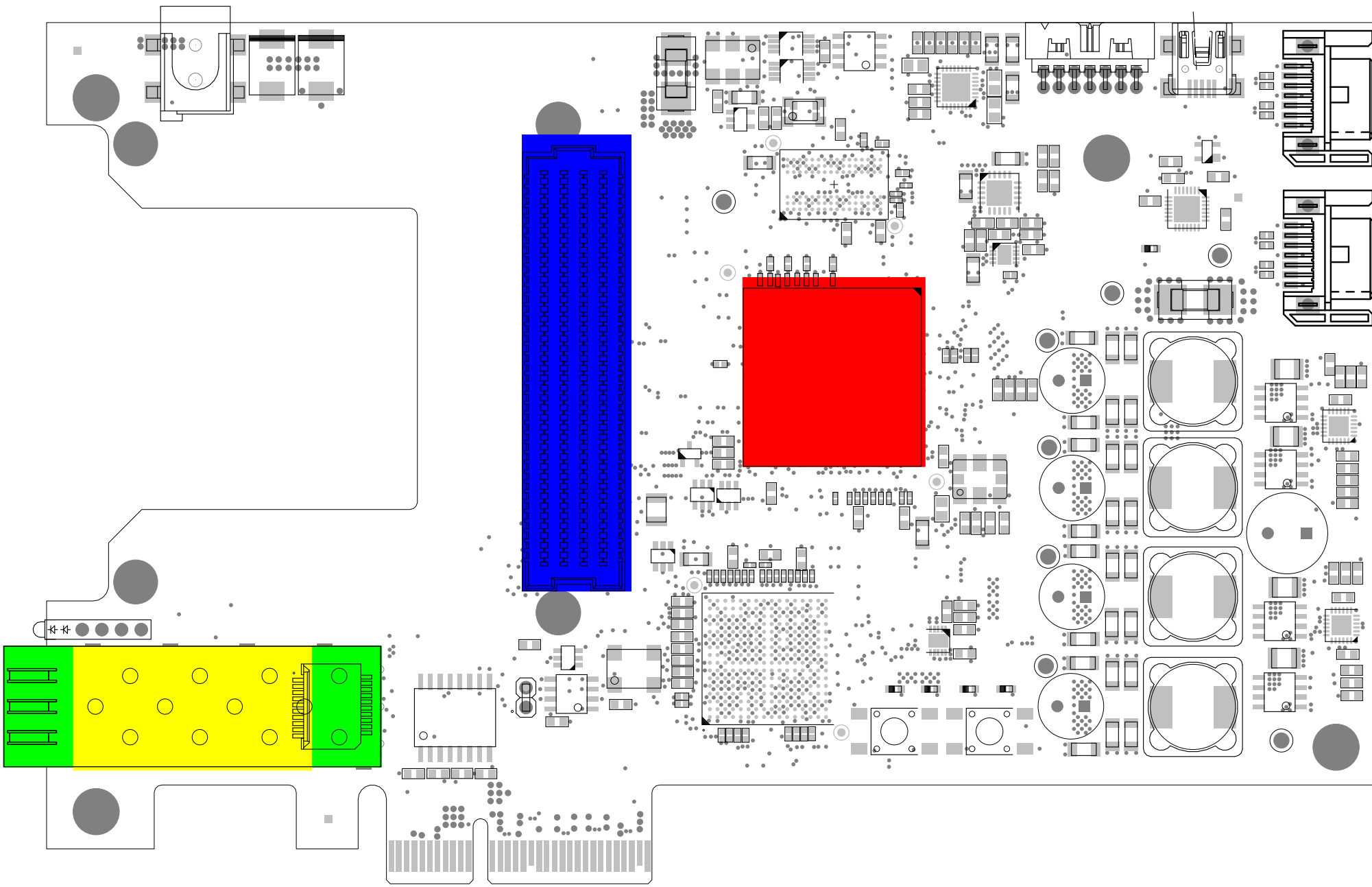


TOP
DEM
CERN
BE NORBERT

Reference Designator	Qty	Description	Val	Ref. Supplier	Outline
L16	1	30% 8.2A Shielded SMD Power Inductors	2.2uH	IND_2.2uH_30%_BOURNS_SRR1260	
J6	1	24V/3.5A, 2.1mm Diameter Pin, SMD DC Power Supply Connector With Break Contact		LUMBERG_161314	
J1, J5	2	Signal Plug, Surface Mount, Right Angle, Serial Advanced Technology Attachment (SATA) Connect			
IC15	1	x4 Lane PCI Express to Local Bridge	GN4124	GN4124	BGA256



Reference Designator	Qty	Description	Val	Ref. Supplier	Outline
IC?	1	Spartan-6 LXT 1.2V FPGA, 296 User I/Os, 484-Ball Fine-Pitch BGA (1.0mm Pitch), Speed Grade 3.		XC6SLX45T-3FGG484C	BGA484
CAGETOP1	1	Cage Top For Single Port SFP (Small Form-factor Pluggable)		TYCO_6367035-1	
CAGEBOT1	1	Cage bottom For Single Port SFP (Small Form-factor Pluggable)		TYCO_6367034-1	
J4	1	160 contacts (4 rows cdgh) Surface Mount Female Connector, VITA 57		SAMTEC_ASP-134603-01	



TOP
DEM
BE NORBERT