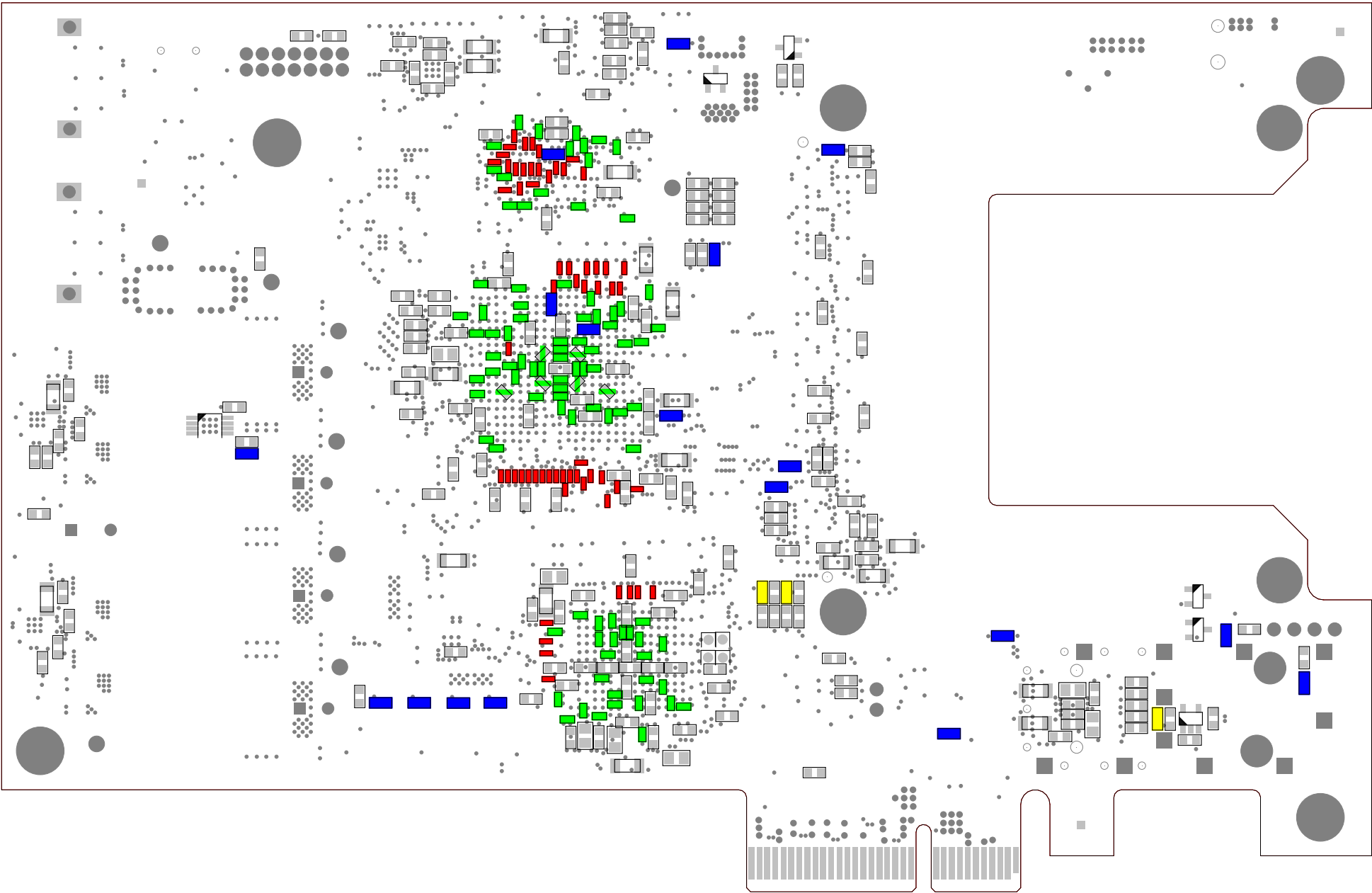
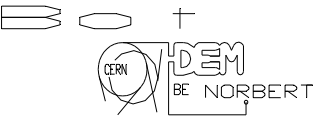
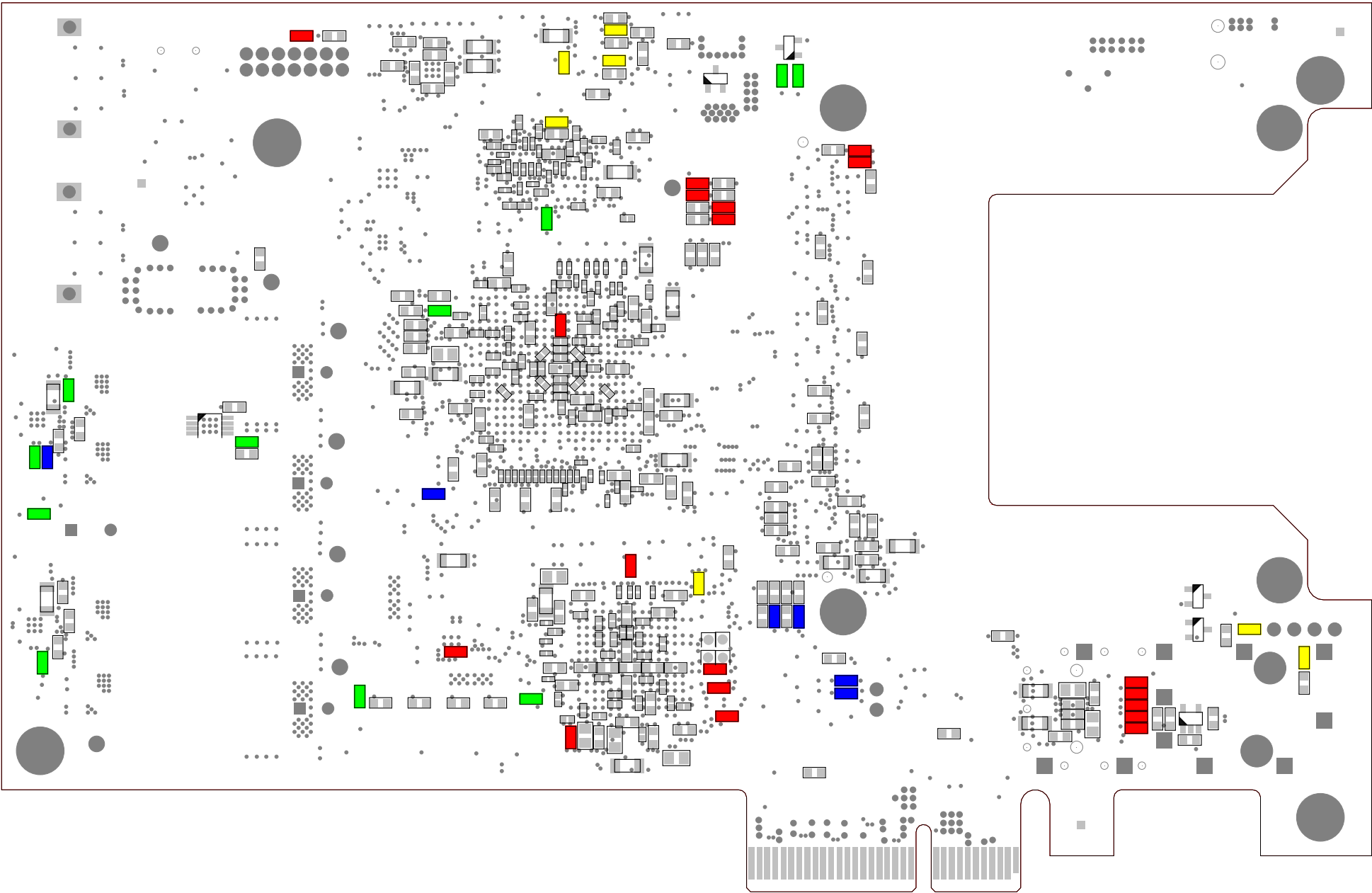


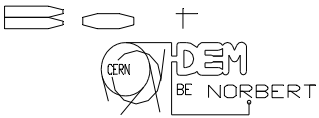
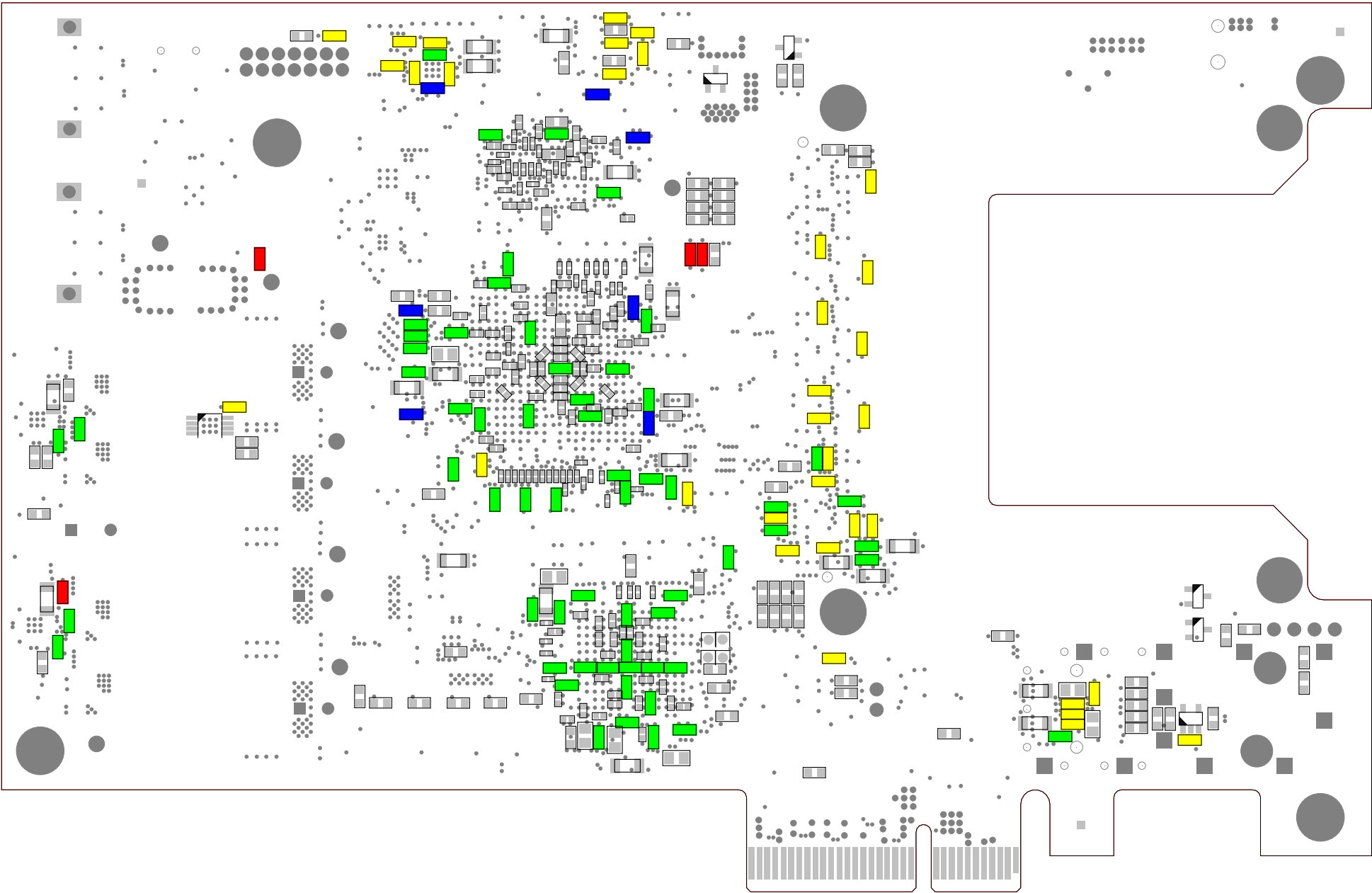
Reference Designator	Qty	Description	Val	Ref_Supplier	Outline
R39-R41,R45-R51,R53-R55,R57,R61-R70,R73,R75-R76,R78-R81,R85,R116-R121, R124,R127-R131,R133,R136,R153,R157,R159,R169-R171,R173-R174,R188, R220-R225	61	1% 0.0625W 100ppm/ C General Purpose Thick Film Chip Resistor	51	R0402_51R_1%_0.0625W_100PPM	0402
C20,C22,C52-C53,C309,C54,C310,C55-C60,C317,C62-C63,C324-C325, C332-C335,C342-C345,C349,C94,C96,C352,C97,C353-C354,C99,C102, C104-C106,C362,C107,C363,C108,C364,C109,C365,C368,C113,C369,C114,C370, C115,C118,C374,C123,C379,C124-C127,C131-C134,C145-C147,C152-C156,C160, C183-C190,C196-C198,C203,C211-C212,C222,C224,C230-C239	98	10% 16V X7R SMD Multilayer Chip Ceramic Capacitor	100nF	CC0402_100NF_16V_10%_X7R	0402
R8,R107-R108	3	1A <0.05R Max DC Resistance> Zero Ohm Jumper	0	R0603_0R_JUMPER	0603
R4,R9,R24-R27,R84,R86,R89,R91,R99,R104-R105,R110,R142,R145,R164-R165	18	1% 0.1W 100ppm/ C General Purpose Thick Film Chip Resistor	100	R0603_100R_1%_0.1W_100PPM	0603



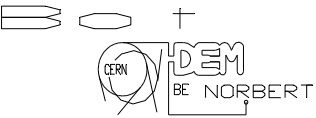
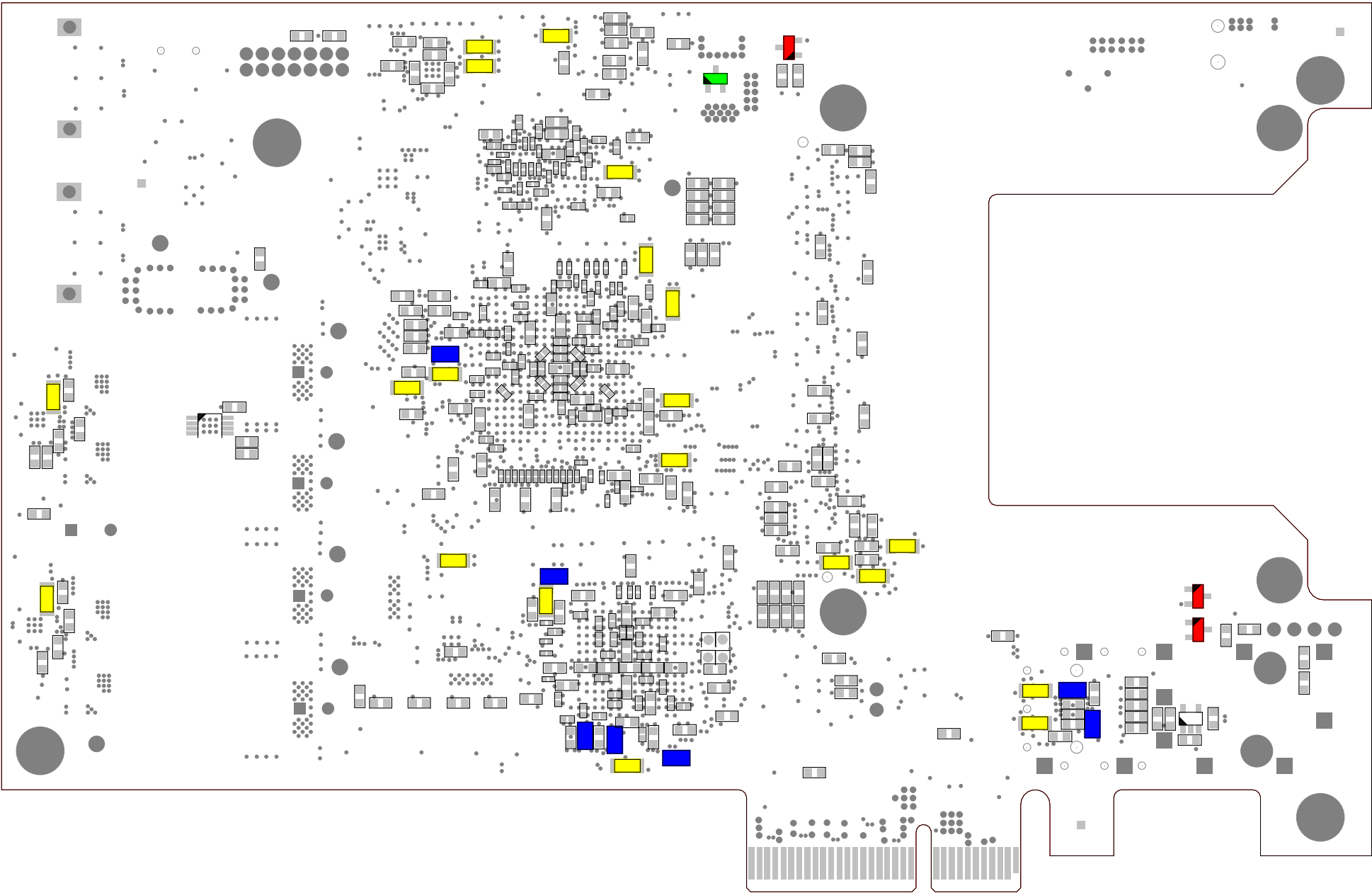
Reference Designator	Qty	Description	Val	Ref. Supplier	Outline
R6,R12,R15,R21,R83,R92,R137,R400-R404,R425-R426,R196,R226,R228-R229,R236	19	1% 0.1W 100ppm/ C General Purpose Thick Film Chip Resistor	10k	R0603_10K_1%_0.1W_100PPM	0603
R14,R22-R23,R28,R87,R102,R106,R187,R244,R246-R247	11	1% 0.1W 100ppm/ C General Purpose Thick Film Chip Resistor	5k1	R0603_5K1_1%_0.1W_100PPM	0603
R18-R19,R36,R101,R140,R193,R241	7	1% 0.1W 100ppm/ C General Purpose Thick Film Chip Resistor	240	R0603_240R_1%_0.1W_100PPM	0603
R37,R115,R150,R197-R199	6	1% 0.1W 100ppm/ C General Purpose Thick Film Chip Resistor	1k	R0603_1K_1%_0.1W_100PPM	0603



Reference Designator	Qty	Description	Ua1	Ref. Supplier	Outline
R95-R96,R189,R194	4	1% 0.1W 100ppm/ C General Purpose Thick Film Chip Resistor	3k 3	R0603_3K3_1%_0.1W_100PPM	0603
C5,C16,C26,C35,C291-C293,C295,C297-C300,C302,C50,C306,C51,C307-C308, C316,C65,C322,C329-C331,C591,C338-C339,C84,C340-C341,C348,C357-C361, C110-C111,C373,C375,C120,C122,C386,C140-C144,C149,C151,C424,C431, C177-C178,C191-C192,C194,C453-C454,C472,C218	61	10% 16V X7R SMD Multilayer Chip Ceramic Capacitor	1uF	CC0603_1UF_16V_10%_X7R	0603
C256,C4,C7,C9,C15,C21,C32-C34,C37,C47-C48,C69-C70,C584,C588,C592-C594, C158,C161,C167-C168,C172,C174,C195,C451-C452,C202,C204-C205,C216, C219-C221	35	10% 50V X7R SMD Multilayer Chip Ceramic Capacitor	100nF	CC0603_100NF_50V_10%_X7R	0603
C3,C14,C121,C150,C159,C169-C170	7	10% 50V X7R SMD Multilayer Chip Ceramic Capacitor	10nF	CC0603_10NF_50V_10%_X7R	0603



Reference Designator	Qty	Description	Ua1	Ref. Supplier	Outline
T1-T2,T9	3	50V 200mA N-Channel Enhancement Mode Field-Effect Transistor	BSH103	BSH103	SOT23-3
T8	1	-12V -3A P-Channel STripFET II Power MOSFET	Si2315BDS-T1-E3	Si2315BDS-T1-E3	SOT23-3
C6,C11-C12,C19,C23,C27,C40,C42,C45,C49,C66,C73,C81,C83,C119,C138,C148,C173,C181,C207	20	10% 10V X7R SMD Multilayer Chip Ceramic Capacitor	22uF	CC1206_22UF_10V_10%_X7R	1206
L1,L4,L10-L11,L14,L17,L22	7	25% 2A SMD EMIFIL Suppression Chip Bead Ferrite	220R@100MHz	IND0805_MURATA_BLM21PG221SN1D	0805



Reference Designator	Qty	Description	Uat	Ref. Supplier	Outline
IC19	1	Programmable Resolution 1-Wire Digital Thermometer (-55 C to +125 C)	DS18B20U+	DS18B20U+	uSOP8

