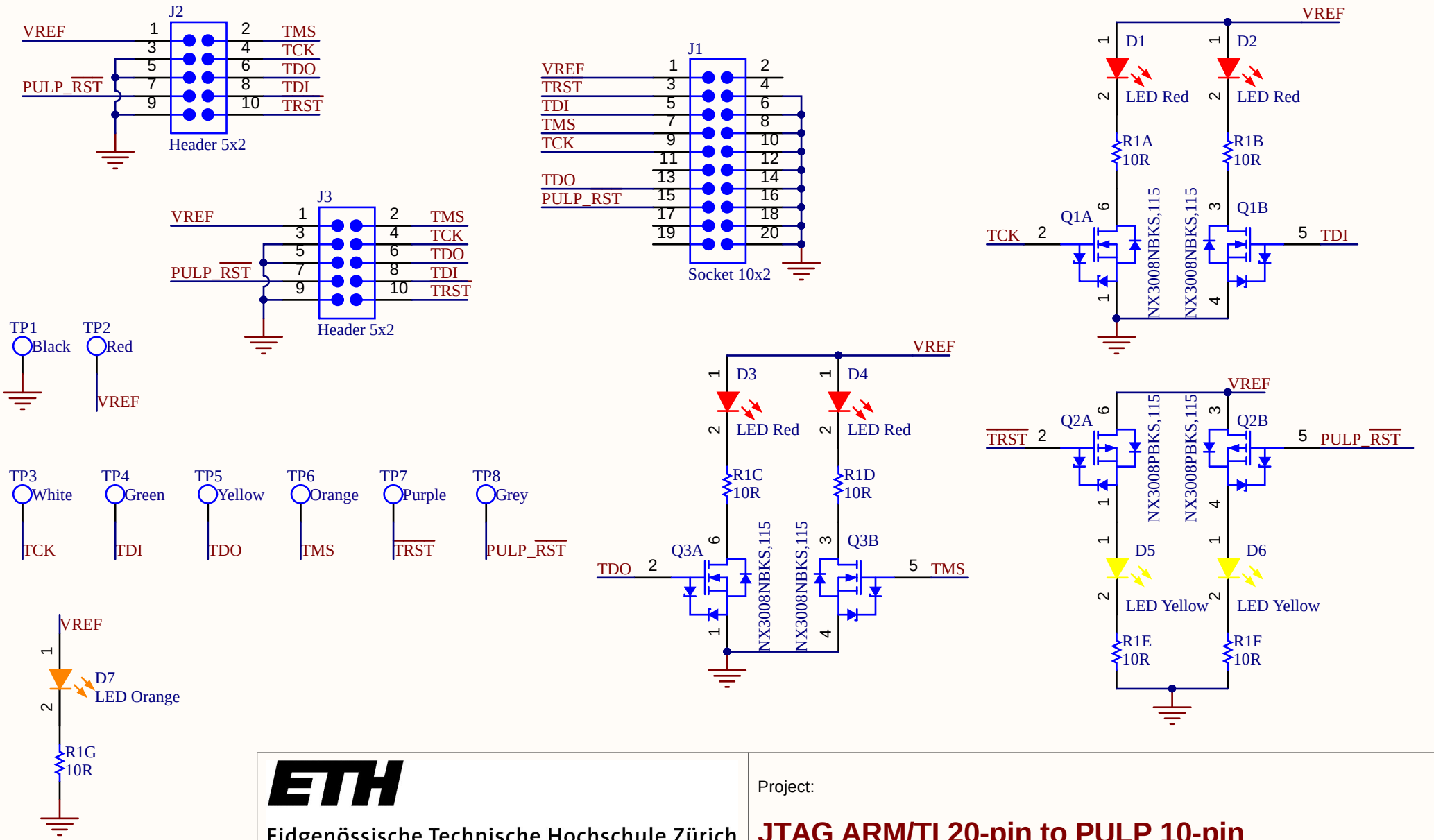
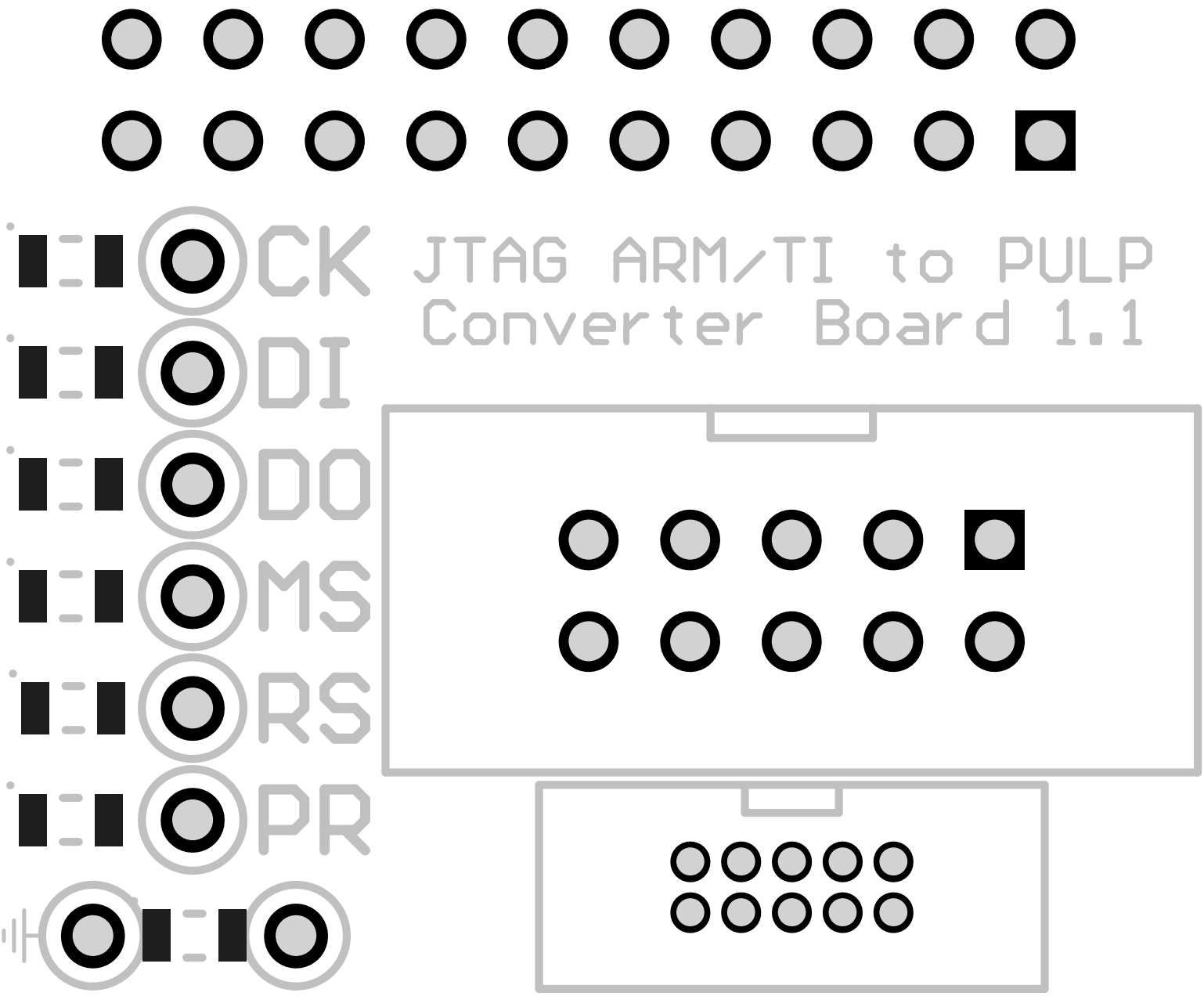


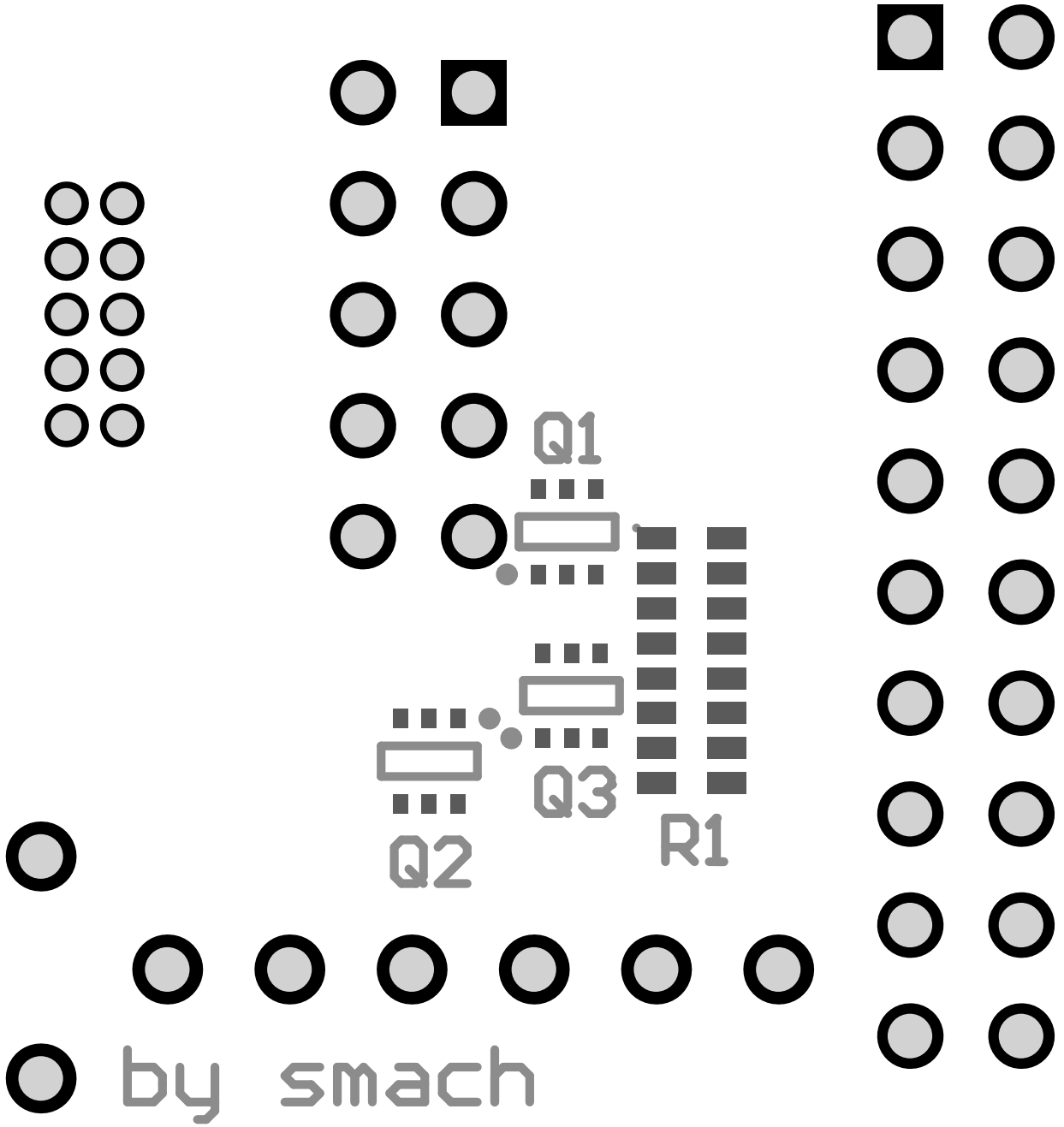
Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

Project:

JTAG ARM/TI 20-pin to PULP 10-pin

Drawing number: * Rev: 0	Format: A5	Laboratory: Integrated Systems Laboratory (IIS)	Sheet: JTAGconv.SchDoc
Date: 10.09.2018		Drawn by: Stefan Mach	Page * of *
File: D:\Work\ETH\boards\jtag-convboard\JTAGconv.SchDoc			


CK
DI
DO
MS
RS
PR
JTAG ARM/TI to PULP
Converter Board 1.1


Q1
Q3
R1
Q2
by smach

Fitted	Quantity	Designator	Description	Manufacturer 1	Manufacturer Part Number 1	Supplier 1	Supplier Part Number 1	Supplier 2	Supplier Part Number 2
Fitted	4	D1, D2, D3, D4	Red LED, 0805 SMD, 2mA, 1.8V	Rohm	SML-211UTT86	Digikey	511-1292-1-ND	Digikey	511-1292-6-ND
Fitted	2	D5, D6	Yellow LED, 0805 SMD, 2mA, 1.8V	Rohm	SML-211YTT86	Digikey	511-1293-1-ND	Digikey	511-1293-6-ND
Fitted	1	D7	Orange LED, 0805 SMD, 2mA, 1.8V	Rohm	SML-211DTT86	Digikey	511-1291-1-ND	Digikey	511-1291-2-ND
Fitted	1	J1	Female Socket, 10x2, Pitch 2.54mm, 20-Pin, Right-Angle	Sullins	SFH11-PBPC-D10-RA-BK	Digikey	S9205-ND	Future Electronics	SFH11-PBPC-D10-RA-BK
Fitted	1	J2	Male Header, 5x2, Pitch 2.54mm, 10-Pin, Shrouded	On-Shore Technology	302-S101	Digikey	ED1543-ND	Arrow	302-S101
Fitted	1	J3	Male Header, 5x2, Pitch 1.27mm, 10-Pin, Shrouded	CNC Tech	3220-10-0100-00	Digikey	1175-1627-ND	Digikey	3220-10-0100-00-ND
Fitted	2	Q1, Q3	Dual N-Channel Trench MOSFET, 30 V, 0.35 A, -55 to 150 degC, 6-Pin SOT363, Tape and Reel	NXP Semiconductors	NX3008NBKS,115	Digikey	568-10407-1-ND		
Fitted	1	Q2	Dual P-Channel Trench MOSFET, -30 V, -0.2 A, -55 to 150 degC, 6-Pin SOT363, Tape and Reel	NXP Semiconductors	NX3008PBKS,115	Digi-Key	1727-1282-1-ND		
Fitted	1	R1	10 Ohm ±5% 62.5mW Power Per Element Isolated Resistor Network/Array	CTS	742C163100JP	Digikey	742C163100JPDKR-ND	Digikey	742C163100JPTR-ND
Fitted	1	TP1	PC Test Point Miniature, Through Hole	Terminal	5001	Digi-Key	36-5001-ND	Farnell	1463077
Fitted	1	TP2	PC Test Point Miniature, Through Hole	Keystone Electronics	5000	Digi-Key	36-5000-ND	Farnell	1463076
Fitted	1	TP3	PC Test Point Miniature, Through Hole	Permabond	5002	Digi-Key	36-5002-ND	Newark	62W5136
Fitted	1	TP4	PC Test Point Miniature, Through Hole	Keystone Electronics	5116	Digi-Key	36-5116-ND	Newark	95M2478
Fitted	1	TP5	PC Test Point Miniature, Through Hole	Platt Luggage	5004	Digi-Key	36-5004-ND	Newark	52F7281
Fitted	1	TP6	PC Test Point Miniature, Through Hole	Keystone Electronics	5003	Digi-Key	36-5003-ND	Newark	62W5137
Fitted	1	TP7	PC Test Point Miniature, Through Hole	Keystone Electronics	5119	Digi-Key	36-5119-ND	Newark	95M2481
Fitted	1	TP8	PC Test Point Miniature, Through Hole	Keystone Electronics	5118	Digi-Key	36-5118-ND	Allied	70182272

Board Outline

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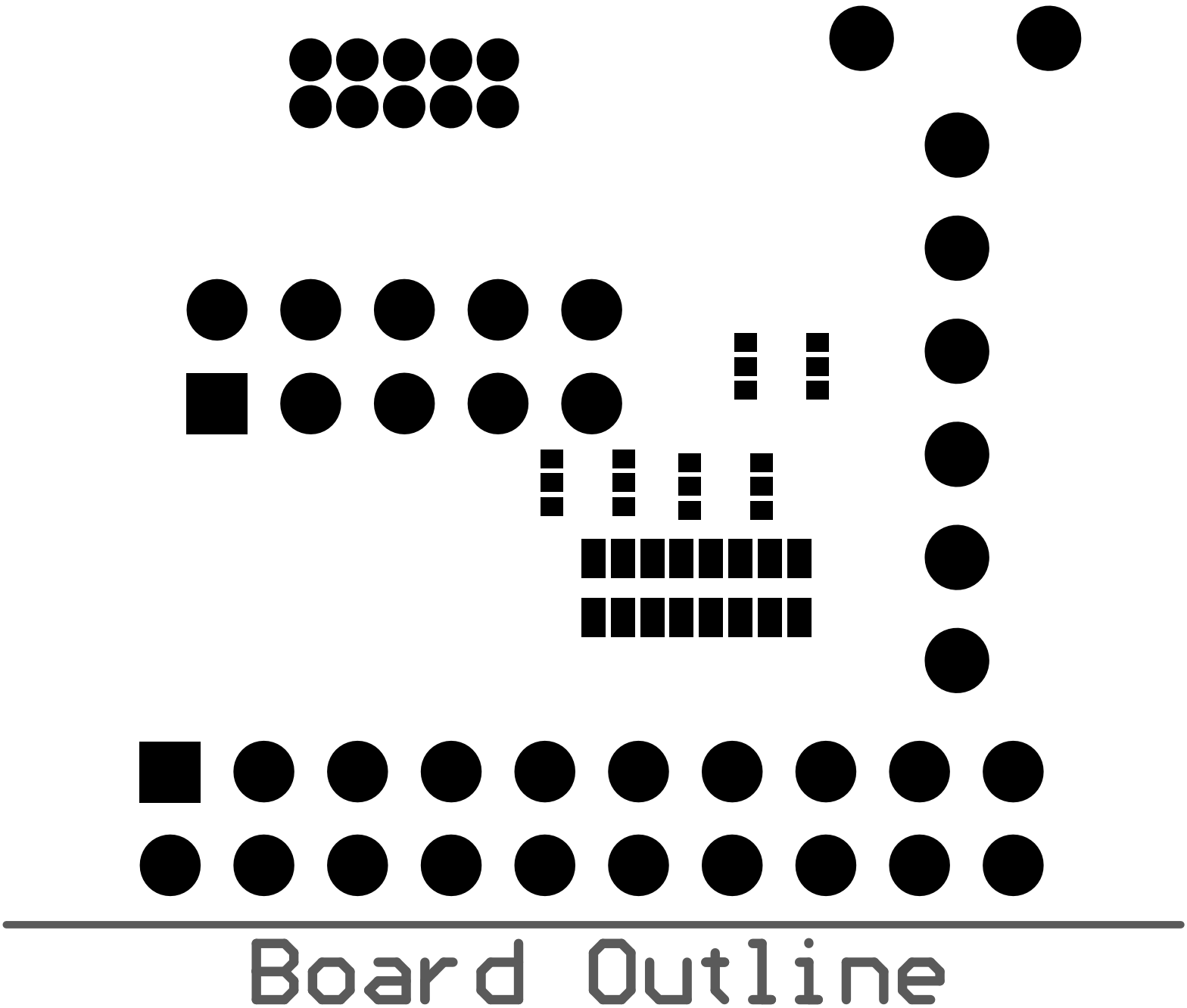
Board Outline

Board Outline