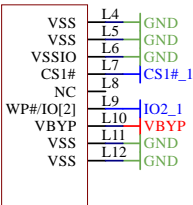
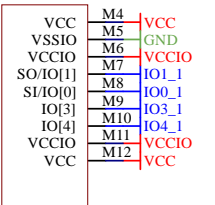
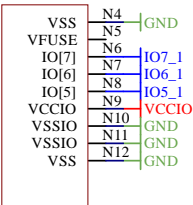
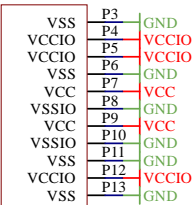
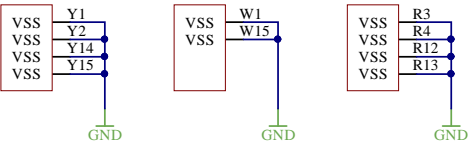
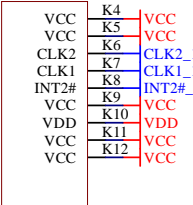
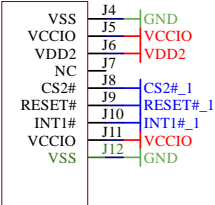
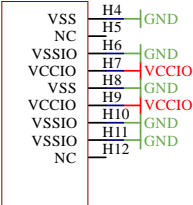
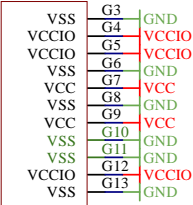
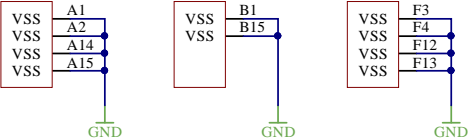
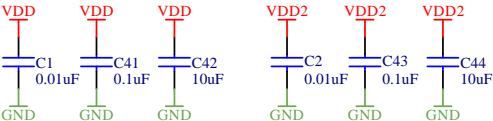
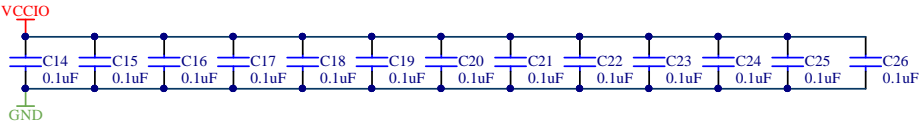
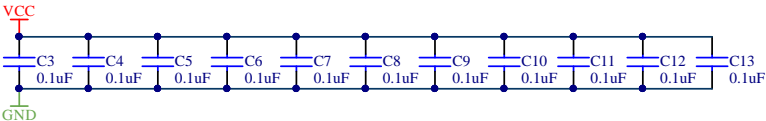


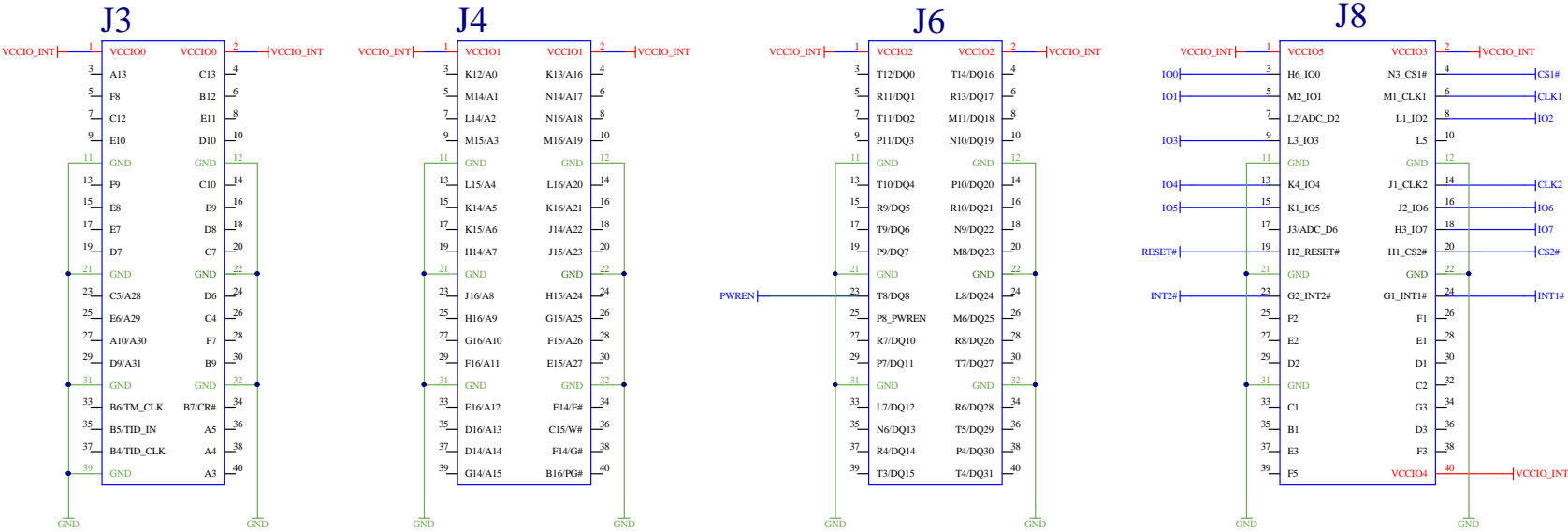
# Avalanche 96-Ball FBGA



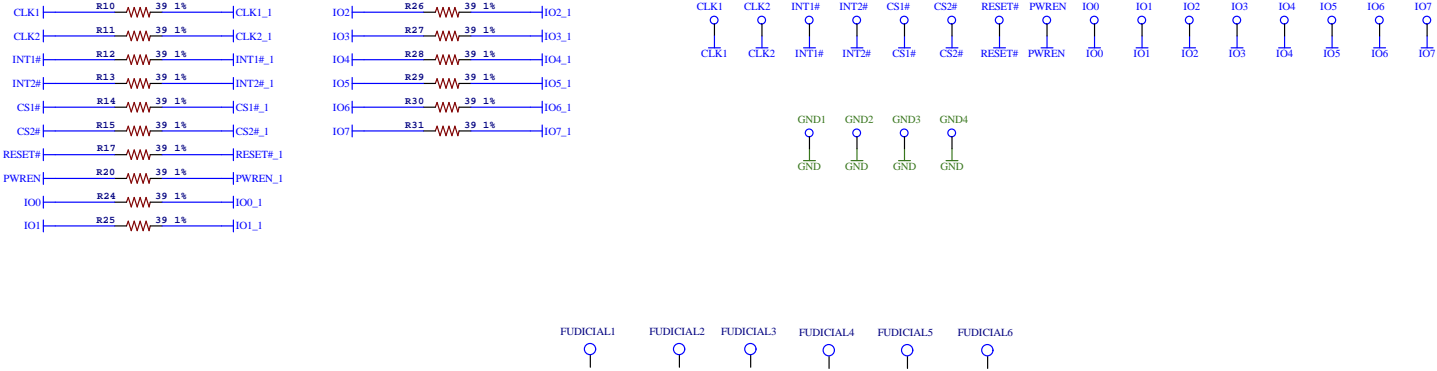
DUT1



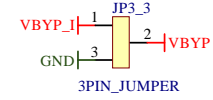
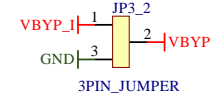
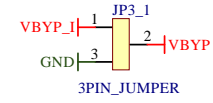
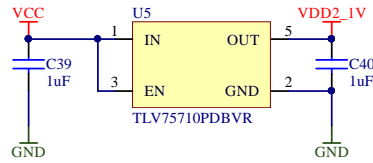
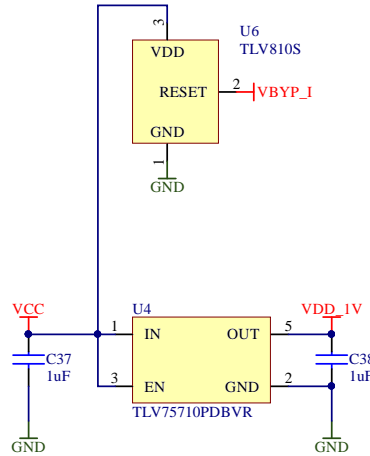
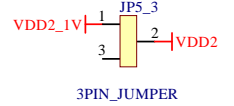
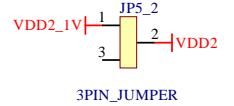
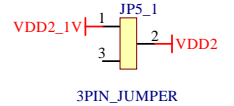
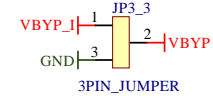
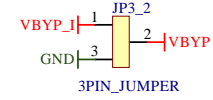
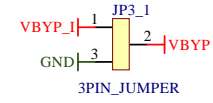
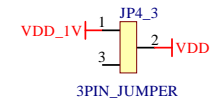
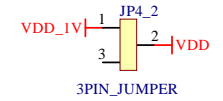
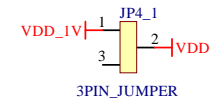
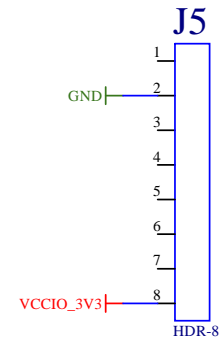
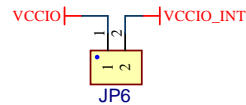
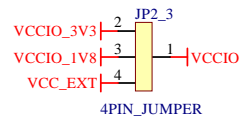
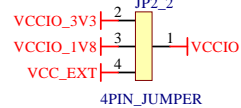
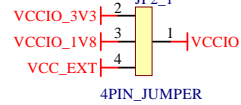
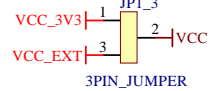
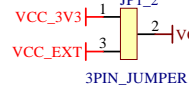
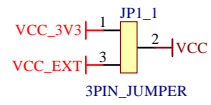
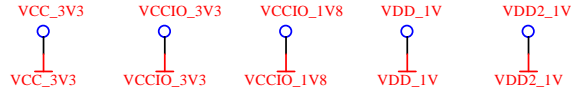
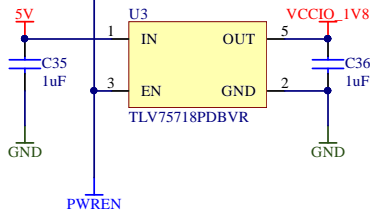
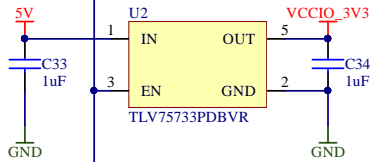
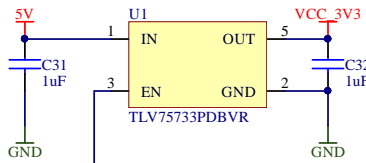
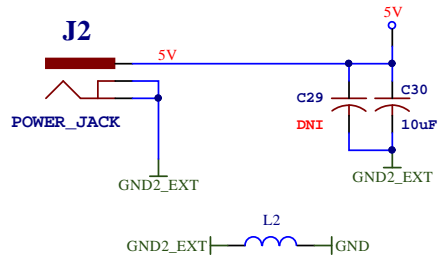
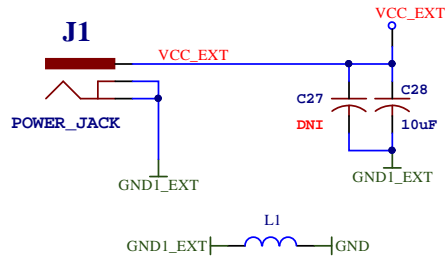
96-Ball FBGA Connection to Lattice MACHX03 Development Kit.

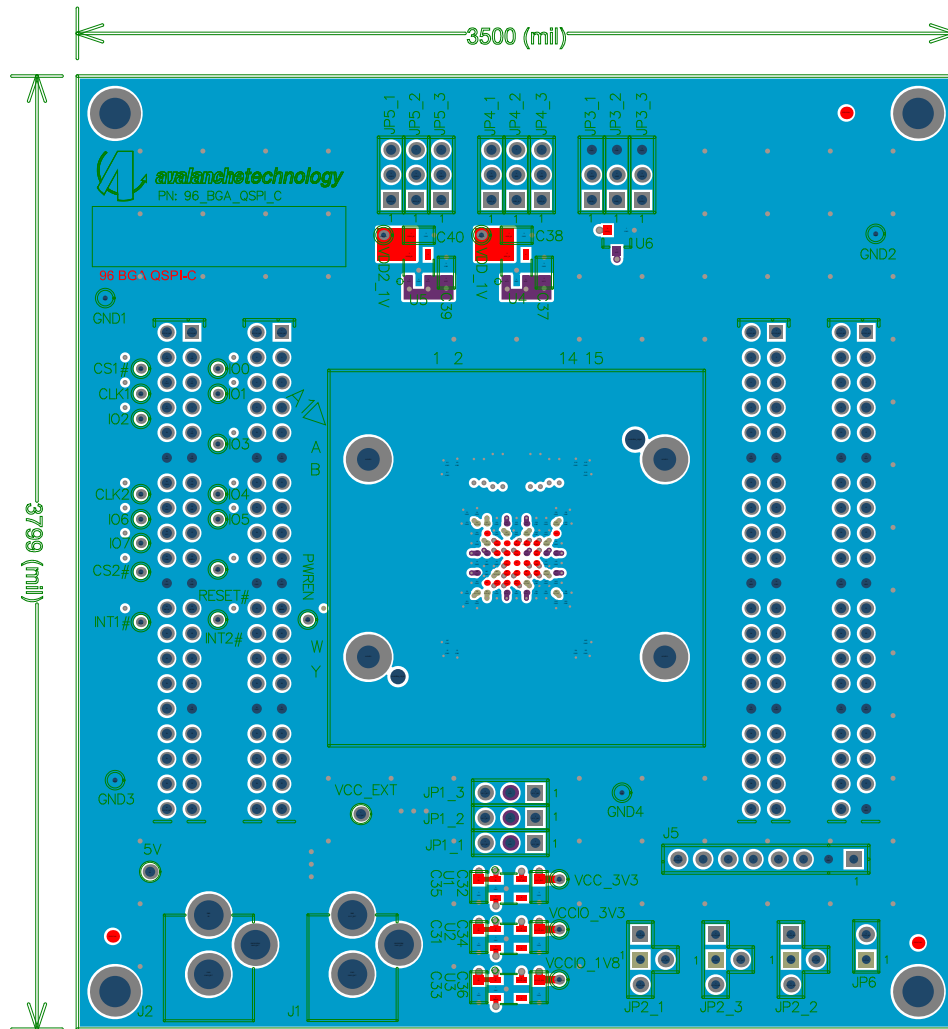


Source Termination 39 Ohms



# Power Supply

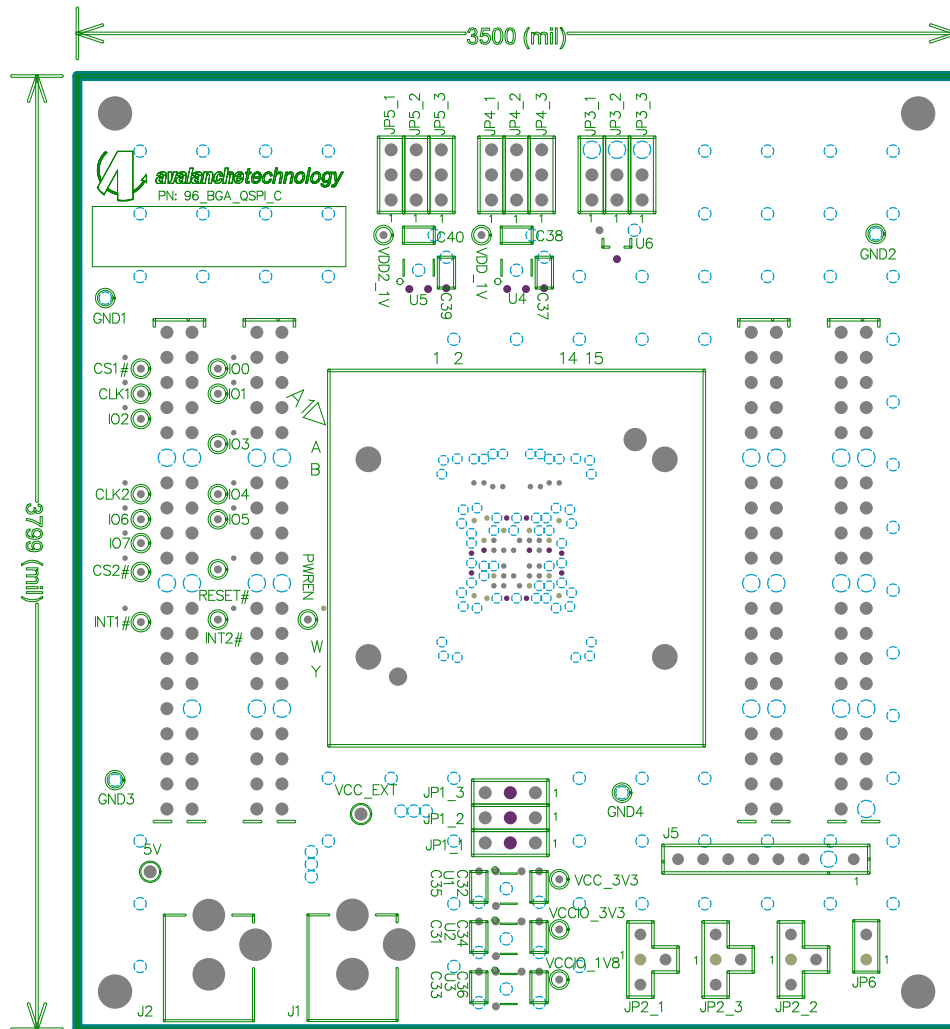




Title:	96 BGA QSPI-C
Customer:	
Contact:	
CUST P/N#:	
JOB#:	PN: QDS10550_AVL_C (V1.0)
ENG./Designer:	Trang Nguyen
Scale:	1 TO 1
View:	TOP VIEW
DATE PLOTTED: 11/16/2022	
PADMASTER	DRILLMASTER
TOP	
TOP SILKSCREEN	

# BOARD LAYER STRUCTURE:

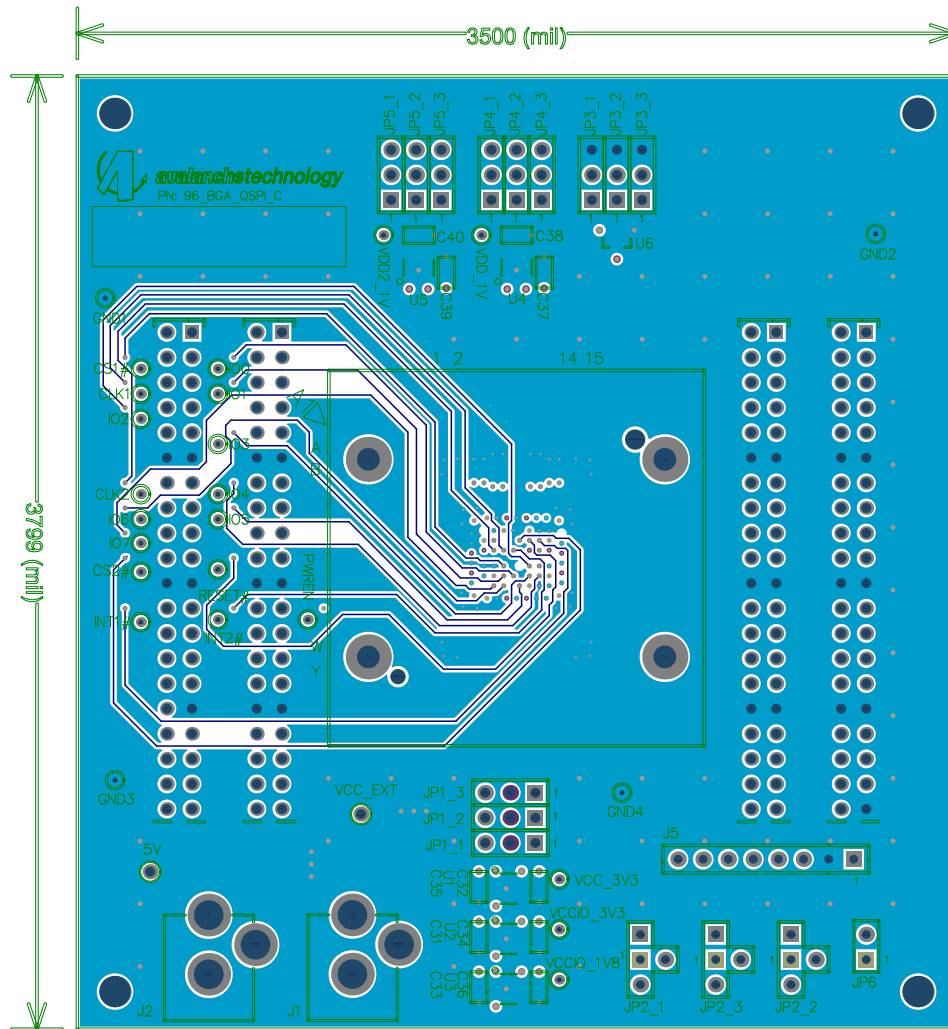
LAYER 1	TOP (50 OHMS)
LAYER 2	GND1
LAYER 3	INTERNAL 1 (50 OHMS)
LAYER 4	PWR1
LAYER 5	PWR2
LAYER 6	PWR3
LAYER 7	GND3
LAYER 8	BOTTOM (50 OHMS)



Title:	96 BGA QSPI-C
Customer:	
Contact:	
CUST P/N#:	
JOB#:	PN: QDS10550_AVL_C (V1.0)
ENG./Designer:	Trang Nguyen
Scale:	1 TO 1
View:	TOP VIEW
DATE PLOTTED:	11/16/2022
PADMASTER	DRILLMASTER
GND1	
TOP SILKSCREEN	

#### BOARD LAYER STRUCTURE:

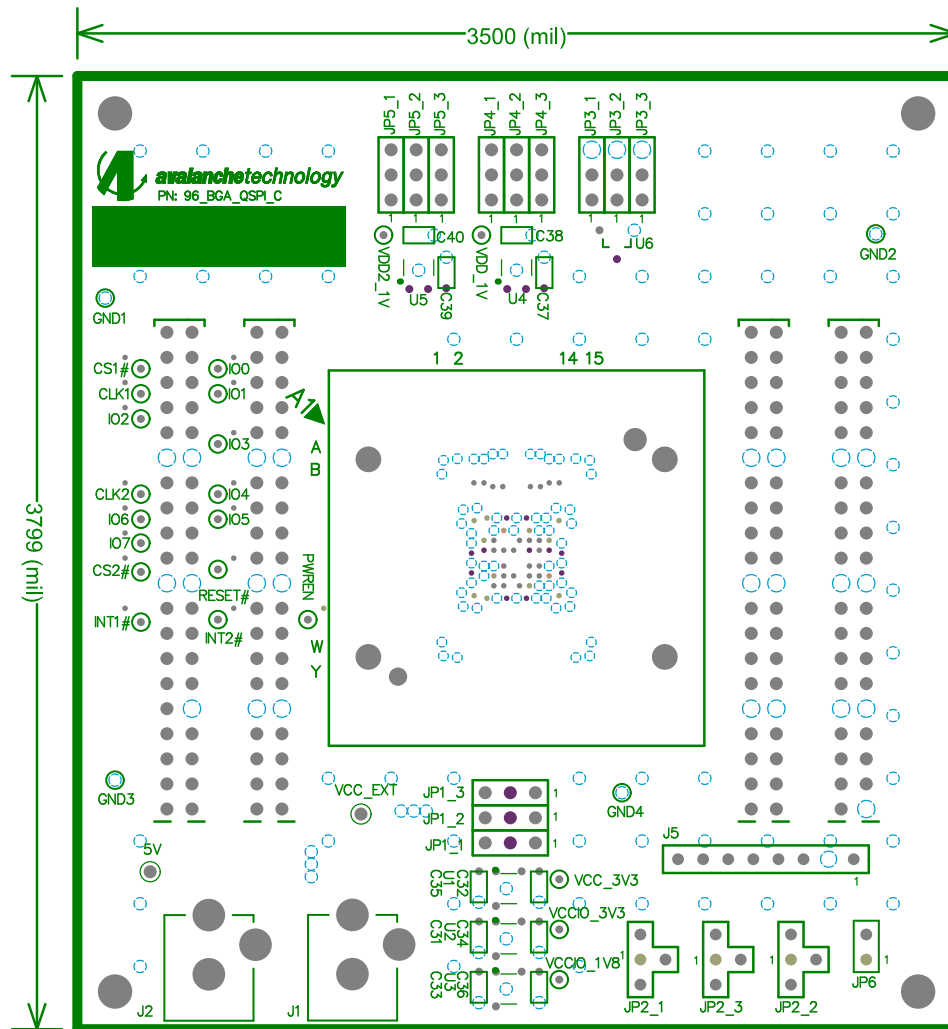
LAYER 1	TOP (50 OHMS)
LAYER 2	GND1
LAYER 3	INTERNAL 1 (50 OHMS)
LAYER 4	PWR1
LAYER 5	PWR2
LAYER 6	PWR3
LAYER 7	GND3
LAYER 8	BOTTOM (50 OHMS)



Title:	96 BGA QSPI-C
Customer:	
Contact:	
CUST P/N#:	
JOB#:	PN: QDS10550_AVL_C (V1.0)
ENG./Designer:	Trang Nguyen
Scale:	1 TO 1
View:	TOP VIEW
DATE PLOTTED: 11/16/2022	
PADMASTER	DRILLMASTER
INTERNAL1	
TOP SILKSCREEN	

#### BOARD LAYER STRUCTURE:

LAYER 1	TOP (50 OHMS)
LAYER 2	GND1
LAYER 3	INTERNAL 1 (50 OHMS)
LAYER 4	PWR1
LAYER 5	PWR2
LAYER 6	PWR3
LAYER 7	GND3
LAYER 8	BOTTOM (50 OHMS)

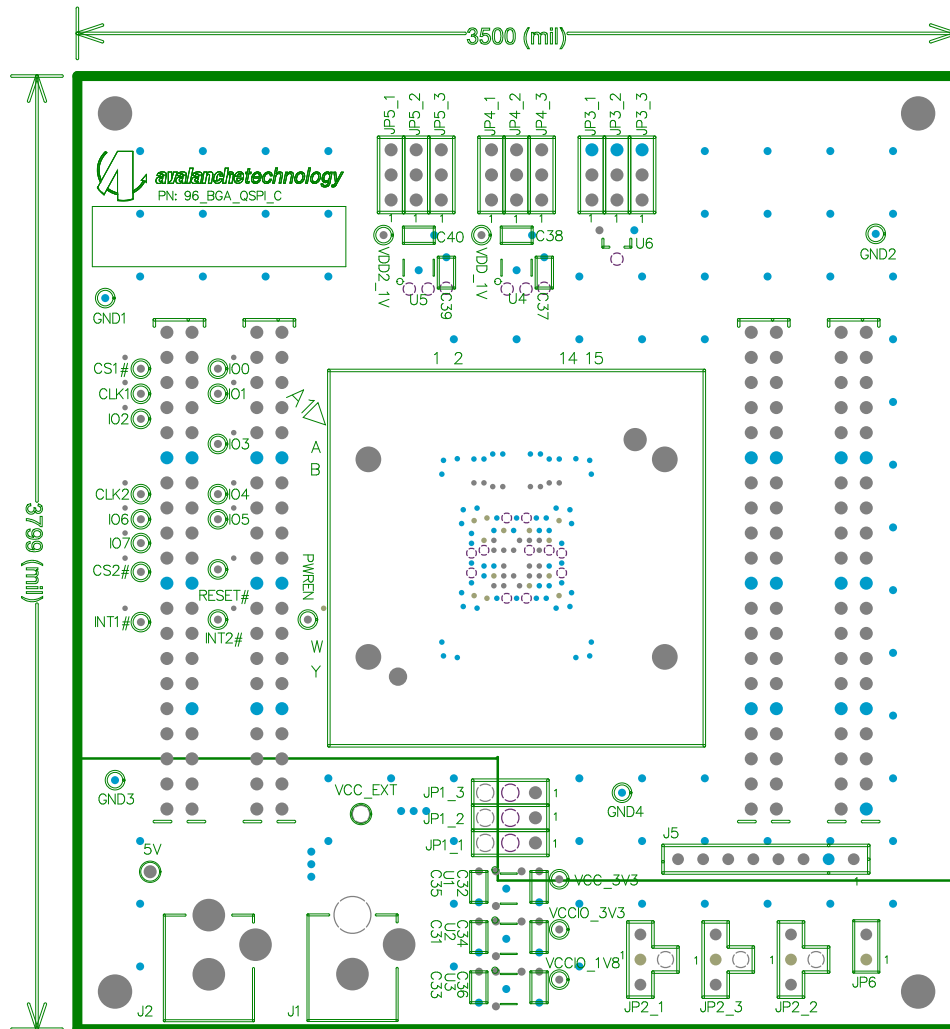


Title:	96 BGA QSPI-C
Customer:	
Contact:	
CUST P/N#:	
JOB#:	PN: QDS10550_AVL_C (V1.0)
ENG./Designer:	Trang Nguyen
Scale:	1 TO 1
View:	TOP VIEW

DATE PLOTTED:	11/16/2022
PADMASTER	DRILLMASTER
GND2	
TOP SILKSCREEN	

#### BOARD LAYER STRUCTURE:

LAYER 1	TOP (50 OHMS)
LAYER 2	GND1
LAYER 3	INTERNAL 1 (50 OHMS)
LAYER 4	PWR1
LAYER 5	PWR2
LAYER 6	PWR3
LAYER 7	GND3
LAYER 8	BOTTOM (50 OHMS)

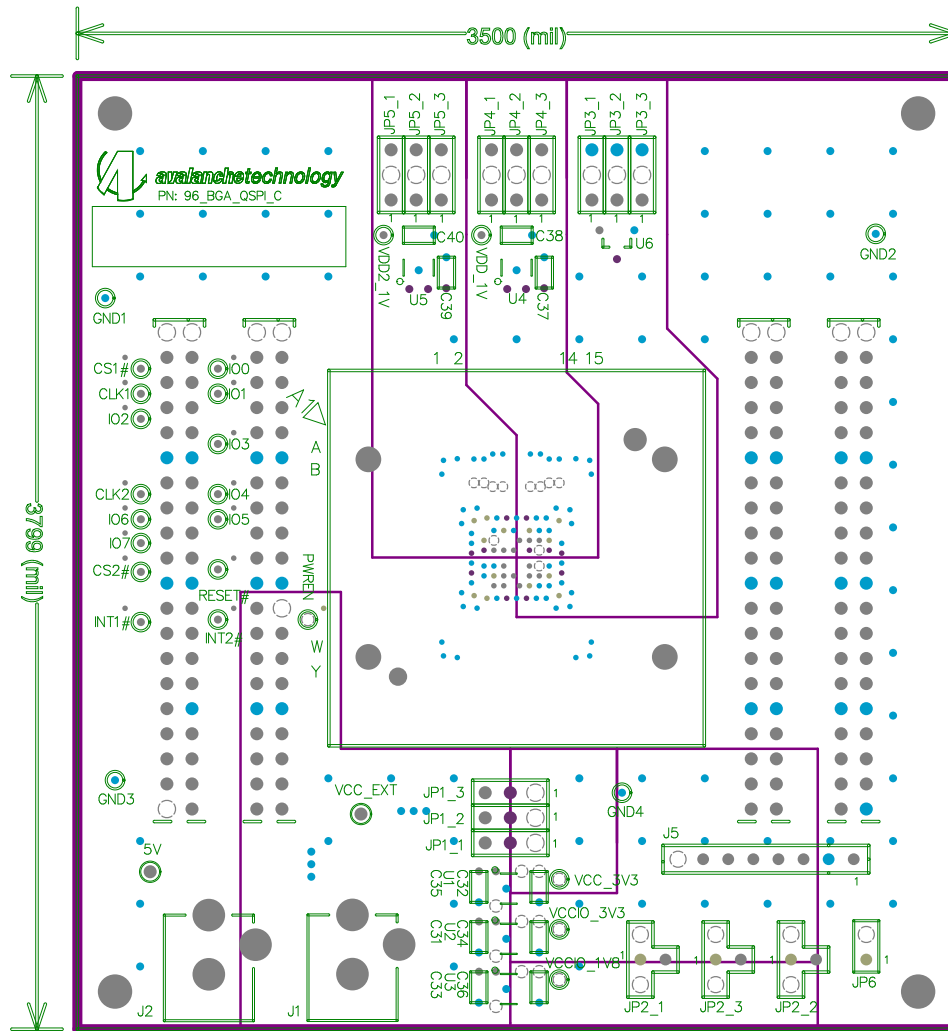


Title:	96 BGA QSPI-C
Customer:	
Contact:	
CUST P/N#:	
JOB#:	PN: QDS10550_AVL_C (V1.0)
ENG./Designer:	Trang Nguyen
Scale:	1 TO 1
View:	TOP VIEW
DATE PLOTTED:	11/16/2022
PADMASTER	DRILLMASTER
PWR1	
TOP SILKSCREEN	

#### BOARD LAYER STRUCTURE:

LAYER 1	TOP (50 OHMS)
LAYER 2	GND1
LAYER 3	INTERNAL 1 (50 OHMS)
LAYER 4	PWR1
LAYER 5	PWR2
LAYER 6	PWR3
LAYER 7	GND3
LAYER 8	BOTTOM (50 OHMS)





Title:	96 BGA QSPI-C
Customer:	
Contact:	
CUST P/N#:	
JOB#:	PN: QDS10550_AVL_C (V1.0)
ENG./Designer:	Trang Nguyen
Scale:	1 TO 1
View:	TOP VIEW
DATE PLOTTED:	11/16/2022
PADMASTER	DRILLMASTER
	PWR3
TOP SILKSCREEN	

#### BOARD LAYER STRUCTURE:

LAYER 1	TOP (50 OHMS)
LAYER 2	GND1
LAYER 3	INTERNAL 1 (50 OHMS)
LAYER 4	PWR1
LAYER 5	PWR2
LAYER 6	PWR3
LAYER 7	GND3
LAYER 8	BOTTOM (50 OHMS)

