SJ1
AKS

SJ2
Speed

GND

GND

R1
1MΩ
0603

R2
1MΩ
0603

+5V

R3
1kΩ
0603

IC1
AT42QT1040
20-VQFN

C2
10nF
0603
10% X7R

R4
4.7kΩ
0603

SENSE1

SENSE2

SENSE3

SENSE4

R5
4.7kΩ
0603

C1 10nF
0603

10% X7R

LED1
Power
Blue
0603

GND

R7
4.7kΩ
0603

C3 10nF
0603

10% X7R

1	SNS2	SNSK2	20
2	SNSK1	SNS3	16
3	SNS1	SNSK3	15
4	SNSK0	OUT3	13
5	SNS0	OUT2	14
8	VSS	OUT1	12
9	VDD	OUT0	11

R6
4.7kΩ
0603

R8A 10kΩ

R8B 10kΩ

R8C 10kΩ

R8D 10kΩ

IC2
MCP1700T-3302
SOT-23

+5V

C4
10nF
10% X7R 0603

VI   VO

GND

J1
Interface

C5
1µF
0603

C6
1µF
0603

1
2
3
4
5
6

GND

GND

GND

GND

GND

GND

C7
100nF
0603

GND

H1
3mm

H2
3mm

H3
3mm

H4
3mm

TITLE: TouchPanelPrototype

Document Number:

REV:

Date: not saved!

Sheet: 1/1