3.3V

R3
10K

C2
.1µF

R2
10K

GND

R1
1K

3.3V

from filter
or antenna

C1
.01µF

CLK 0

CLK 1

16

9

FST3253
LV

14

2

1

15

10

11

12

13

GND

10µF C8

C5
56nF

C6
56nF

GND

10µF C7

C3
56nF

C4
56nF

GND

R7 82

R6 82

R5 82

R4 82

3.3V

CX

R9 75K

6

5

8

7

+

MCP6022 or equil.

CX

R8 75K

2

3

1

+

4

GND

C13
jump

A/D I

C14
jump

A/D Q

Lowpass cutoff values for Cx
12 kHz= 56K + 220pF (Jon's value)
Standard values below:
9.6 kHz= 75K + 220pF
11.8 kHz= 75K + 180pF
14.1 kHz= 75K + 150pF

NOTE: 3253 is a SN74CBTLV3253DR
      it uses 3.3 volts ONLY!

Co:	Little Boards	
Title:	101 Things pico-rx (Tayloe)	
Board:	QSD2	Revision: A
Author:	Jim Reagan	Size: A
Date:	Oct 23, 2024	Sheet 1 of 1