5V

MM74HCT244

UEa

U2A

10K 10K 10K 10K

Ia3 Ia2 Ia1 Ia0

8 6 4 2

Ya3 Ya2 Ya1 Ya0

GND 10 VCC 20 12 14 16 18

4

3
2
1

16F628
U1

1	RA2/AN2/VREF	RA1/AN1	18
2	RA3/AN3/CMP1	RA0/AN0	17
3	RA4/T0KI/CMP2	RA7/OSC1/CKIN	16
4	RA5/*MCLR/VPP	RA6/OSC2/CKOOUT	15
5	VSS	VDD	14
6	RB0/INT	RB7/T1OSI/PGD	13
7	RB1/RX/DT	RB6/T1OSO/T1CKI/PGC	12
8	RB2/TX/CK	RB5	11
9	RB3/CCP1	RB4/PGM	10

NC
NC
NC

5
6
7
8

TX
11
10

10K 10K 10K 10K

10K 10K 10K

Title		
11 bit PIC encoder for OOK transmitter		
Author		
Philip Turrell		
File		Document
C:\Users\Dad\Documents\Transmitter		
Revision	Date	Sheets
1.0	8th June 2016	1 of 1

5V

2.2K	2.2K
3	1 RA2/AN2/VREF	RA1/AN1 18	2.2K	2
2.2K		
4	2 RA3/AN3/CMP1	RA0/AN0 17	2.2K	1
NC	3 RA4/T0KI/CMP2	RA7/OSC1/CKIN 16	NC
	4 RA5/*MCLR/VPP	RA6/OSC2/CKOOUT 15	NC
			16F628
			U2
	5	14	
	VSS	VDD	

RX

2.2K	
5	6 RB0/INT	RB7/T1OSI/PGD 13	RX
2.2K	2.2K
6	7 RB1/RX/DT RB6/T1OSO/T1CKI/PGC 12	2.2K	11
2.2K	2.2K
7	8 RB2/TX/CK	RB5 11	2.2K	10
2.2K	2.2K
8	9 RB3/CCP1	RB4/PGM 10	2.2K	9

Title		
11 bit PIC decoder for OOK receiver		
Author		
Philip Turrell		
File		Document
C:\Users\Dad\Documents\Receiver		
Revision	Date	Sheets
1.0	14th June 2016	1 of 1