

Memory information and intended purpose for the pre-loaded **PIC V2** supplied with the RDDS Kit

Examine and change memory contents using the RS232 interface and Hyperterm connected at 2400 Baud 8 n 1
 An [Online Calculator](#) is available to calculate new hex numbers for other frequencies using references 5-20 MHz

PIC Memory No.	Hex No. in Memory 10MHz Ref.	RF Frequency Locked by this Selection MHz	Crystal Frequency & Multiplication		Band & IF		20 Pin Connector Selection Links			
							Pins 3-4	Pins 5-6	Pins 7-8	Pins 9-10
0	1AAAAAAA	1152	96.0000	x12	23cm	144 IF	Y	Y	Y	Y
1	152D2D2D	2176	120.8888	x18	13cm	144 IF	Y	Y	Y	N
2	12DEA9D3	3256	135.6667	x24	9cm	144 IF	Y	Y	N	Y
3	15E15E15	5616	117.0000	x48	6cm	144 IF	Y	Y	N	N
4	18099D72	10224	106.5000	x96	3cm	144 IF	Y	N	Y	Y
5	148FEF8C	23904	124.5000	x192	24GHz	144 IF	Y	N	Y	N
6	14F0D168	46944	122.5000	x384	47GHz	144 IF	Y	N	N	Y
7	19ED41D0	75832	98.7396	x768	76GHz	144 IF	Y	N	N	N
8	14B36831	2968	123.6667	x24	9cm	432 IF	N	Y	Y	Y
9	171024E6	5328	111.0000	x48	6cm	432 IF	N	Y	Y	N
A (10)	18BBFB0D	9936	103.5000	x96	3cm	432 IF	N	Y	N	Y
B (11)	14D0214D	23616	123.0000	x192	24GHz	432 IF	N	Y	N	N
C (12)	1511E8D2	46656	121.5000	x384	47GHz	432 IF	N	N	Y	Y
D (13)	1A068F85	75544	98.3646	x768	76GHz	432 IF	N	N	Y	N
E (14)	183A2525	1268	105.6667	x12	23cm	28 IF	N	N	N	Y
F (15)	148fEF8C	23904	124.5000	x192	24GHz	144 IF	N	N	N	N

When an additional frequency is to be added place it in 'F' and no links are required for its selection. When used for an F1 beacon with external keyer, place mark and space frequencies in E & F and connect the TTL CW message to Pin 9 and ground Pin 10 Con 1. If the keying is reversed swap the E & F memory contents.