

unsigned char Decode(unsigned char *buf_input, unsigned char *buf_output)

Offset	Contents	Type reserved area
36	*buffer_output	ABA (caller)
32	*buffer_input	
28	////////////////////	SRA
24	ra	
20	fp	
16	gp	
15	////////////////////	LTA
14	////////////////////	
13	char1_aux	
12	char0_aux	
8	i	
7	chars3	
6	chars2	
5	chars1	
4	chars0	
0	return	