Pin	A Fixed	A Bus Name	A Notes	B Fixed	B Bus Name	B Notes	C Fixed	C Bus Name	C Notes
1	GND	GND		GND	GND		GND	GND	
2	5V	VCC		5V	VCC		5V	VCC	
3	ADDRESS 0	ADDR0		DATA 12	DATA12		ADDRESS REGISTER READ 0	ADDR-REG-RD0	
4	ADDRESS 1	ADDR1		DATA 13	DATA13		ADDRESS REGISTER LOAD 0	ADDR-REG-LD0	
5	ADDRESS 2	ADDR2		DATA 14	DATA14		ADDRESS REGISTER READ 1	ADDR-REG-RD1	
6	ADDRESS 3	ADDR3		DATA 15	DATA15		ADDRESS REGISTER LOAD 1	ADDR-REG-LD1	
7	ADDRESS 4	ADDR4		REGISTER FUNCTION READ	REG-FUNC-RD		IO-ADDRESS 0	IOADDR0	
8	ADDRESS 5	ADDR5		REGISTER FUNCTION LOAD	REG-FUNC-LD		IO-ADDRESS 1	IOADDR1	
9	ADDRESS 6	ADDR6		REGISTER READ ID 0	REG-RD-ID0		IO-ADDRESS 2	IOADDR2	
10	ADDRESS 7	ADDR7		REGISTER READ ID 1	REG-RD-ID1		IO-ADDRESS 3	IOADDR3	
11	ADDRESS 8	ADDR8		REGISTER READ ID 2	REG-RD-ID2		I/O ADDRESS LOAD	IO-ADDR-LD	
12	ADDRESS 9	ADDR9		REGISTER READ ID 3	REG-RD-ID3		UNUSED 0	UNUSED0	reg bus dir???
13	ADDRESS 10	ADDR10		REGISTER LOAD ID 0	REG-LD-ID0		INTERRUPT	INT	??? Open Collector
14	ADDRESS 11	ADDR11		REGISTER LOAD ID 1	REG-LD-ID1		INT ACK	INTA	
15	ADDRESS 12	ADDR12		REGISTER LOAD ID 2	REG-LD-ID2		ALU FUNCTION	ALU-FUNC	
16	ADDRESS 13	ADDR13		REGISTER LOAD ID 3	REG-LD-ID3		ALU FUNCTION SELECT 0	ALU0	
17	ADDRESS 14	ADDR14		REGISTER READ LO	REG-RD-LO		ALU FUNCTION SELECT 1	ALU1	
18	ADDRESS 15	ADDR15		REGISTER LOAD LO	REG-LD-LO		ALU FUNCTION SELECT 2	ALU2	
19	DATA 0	DATA0		REGISTER READ HI	REG-RD-HI		ALU FUNCTION SELECT 3	ALU3	
20	DATA 1	DATA1		REGISTER LOAD HI	REG-LD-HI		ACCUMULATOR LOAD INVERT	AC-LD-INV	
21	DATA 2	DATA2		REGISTER DOWN	REG-DN		ACCUMULATOR READ	AC-RD	
22	DATA 3	DATA3		REGISTER UP	REG-UP		ACCUMULATOR LOAD	AC-LD	
23	DATA 4	DATA4		MEMORY READ	MEM-RD		SHIFT REGISTER LOAD	SR-LD	
24	DATA 5	DATA5		MEMORY WRITE	MEM-WR		BRANCH CONDITION	BR-COND	
25	DATA 6	DATA6		I/O READ	IO-RD		HI/LO SWAP	HL-SWAP	
26	DATA 7	DATA7		I/O WRITE	IO-WR		INPUT	IN	??? Open Collector
27	DATA 8	DATA8		TMP REGISTER READ ID 0	TMP-REG-RD0		OUTPUT	OUT	
28	DATA 9	DATA9		TMP REGISTER LOAD ID 0	TMP-REG-LD0		-BUS ENABLE	-BUS-EN	
29	DATA 10	DATA10		TMP REGISTER READ ID 1	TMP-REG-RD1		RUN	RUN	
30	DATA 11	DATA11		TMP REGISTER LOAD ID 0	TMP-REG-LD1		RESET	RESET	
31	5V	VCC		5V	VCC		5V	VCC	
32	GND	GND		GND	GND		GND	GND	