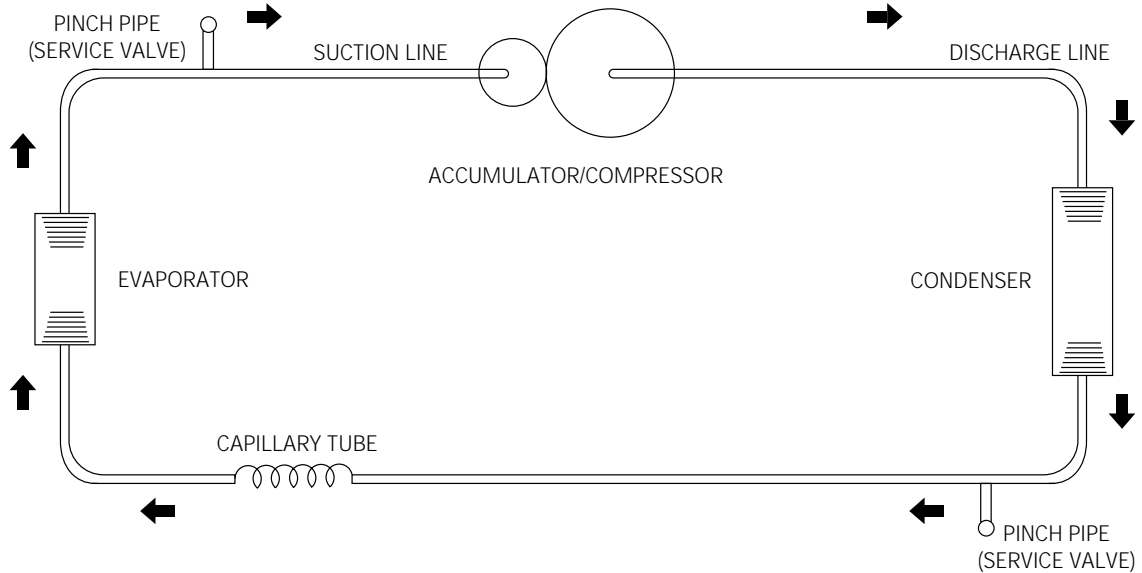


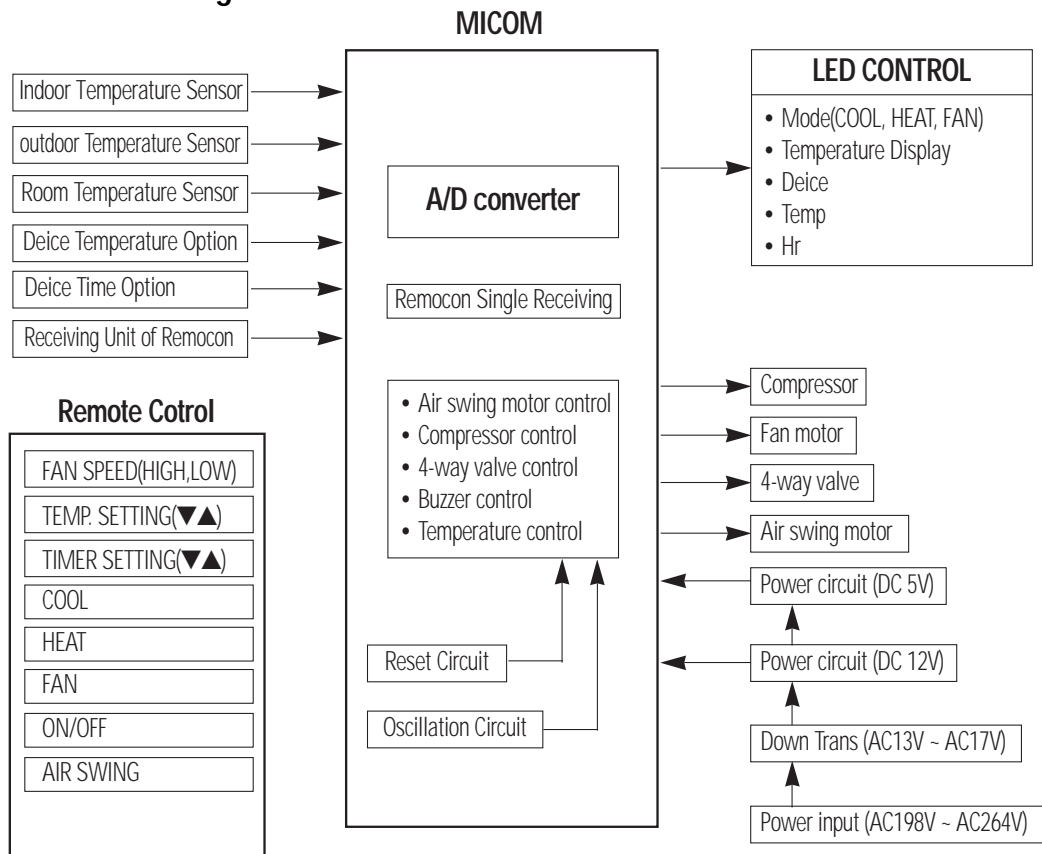
7. Block Diagram

7-1 Refrigerating Cycle Block Diagram



7-2 Basic Structure

7-2-1 Micom Control Diagram



7-2-2 Micom Pin Assignment

μD780032

SWING MOTOR	1	P40	P67	64	GND
4-WAY VALVE	2	P41	P66	63	GND
HIGH FAN	3	P42	P65	62	GND
LOW FAN	4	P43	P64	61	GND
COMPRESSOR	5	P44	P75	60	BUZZER OUTPUT
SEG-DATA (a)	6	P45	P74	59	GND
SEG-DATA (b)	7	P46	P73	58	GND
SEG-DATA (c)	8	P47	P72	57	GND
SEG-DATA (d)	9	P50	P71	56	GND
SEG-DATA (e)	10	P51	P70	55	GND
SEG-DATA (f)	11	P52	P03	54	GND
SEG-DATA (g)	12	P53	P02	53	GND
GRID1-TIME KEY	13	P54	P01	52	GND
GRID2-MODE KEY	14	P55	P00	51	REMOCON SINGLE
GRID3-FAN KEY	15	P56	Vss1	50	GND
GRID4-SWING KEY	16	P57	X1	49	4MHz RESONATOR
GND	17	Vss0	X2	48	4MHz RESONATOR
VCC	18	Vdd0	IC	47	Vss
OPTION	19	P30	XT1	46	Vcc
GND	20	P31	XT2	45	NC
GND	21	P32	RESET	44	RESET IC OUTPUT
GND	22	P33	AVdd	43	Vcc
GRID5-OPER. KEY	23	P34	AVref	42	Vcc
GRID6-TEMP KEY	24	P35	AN10	41	OUTDOOR PIPE THERMISTOR
EEPROM CS	25	P36	AN11	40	INDOOR PIPE THERMISTOR
EEPROM OUT	26	P20	AN12	39	ROOM SENSOR (103AT)
EEPROM IN	27	P21	AN13	38	OPTION
EEPROM CLK	28	P22	AN14	37	OPTION
COM. INPUT	29	P23	AN15	36	MODEL & TEMP OPTION
JIG OUTPUT	30	P24	AN16	35	GND
KEY IN	31	P25	AN17	34	GND
Vcc	32	Vdd1	ANss	33	GND