MICROCONTROLLER BASED LIFT CONTROL SYSTEM

CHEAH SIEW HOON

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Faculty of Electrical & Electronics Engineering
Kolej Universiti Kejuruteraan & Teknologi Malaysia

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ABSTRACT

Lift or elevator is transport devices that are used to move goods or peoples vertically. In this project, the Motorola MC68CH11 A1 microcontroller based lift control system is constructed to simulate as an actual lift in the real life. This project dissertation documents the findings and results of a research on a microcontroller based lift control system. It provides useful information to those who wish to carry out a lift control system research or project.

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TABLE OF CONTENTS

CHAPTER	TITLE		PAGE
	TITLE PAGE		i
	DECLARATION		ii
	DEDICATION		iii
	ACKNOWLEDGMENT		iv
	ABSTRAK		v
	ABSTRACT		vi
	TABLE OF CONTENTS		vii
	LIST OF FIGURES		xi
	LIST OF TABLES		xiii
	LIST OF ABBREVIATIONS		xiv
	LIST OF APPENDIXES		xv
1	**INTRODUCTION**		**1**
	1.1	Introduction	1
	1.2	Objective of Study and Scope	2
2	**LITERATURE REVIEW**		**3**
	2.1	Elevator	3
		2.1.1 History of Elevator	3
	2.2	Microcontroller	5
		2.2.1 Microprocessor, Microcomputer and Microcontroller	5

2.3	Motorola 68HC11 Family Overview		7
2.4	Architecture of Microcontroller 68HC11		8
2.5	Pin Configuration and Its Function		11
	2.5.1	V_{DD} and V_{SS}	11
	2.5.2	RESET	12
	2.5.3	Crystal Driver and External Clock Input (XTALand EXTAL)	12
	2.5.4	E-Clock Output (E)	13
	2.5.5	Interrupt Request (IRQ)	13
	2.5.6	Non-Maskable Interrupt (XIRQ/VPPE)	13
	2.5.7	MODA and MODB	13
	2.5.8	VRL and VRH	14
	2.5.9	STRA/AS	14
	2.5.10	STRB/R/W	15
	2.5.11	Port Signals	15
2.6	On-Chip Memory		15
	2.61	Internal Random Access Memory (RAM)	16
	2.62	Register	17
	2.63	Read Only Memory (ROM)	18
2.7	On-Chip Facilities		18
	2.7.1	Timer	18
	2.7.2	Analog to Digital Converter	19
	2.7.3	Serial Communications Interface (SCI)	19
	2.7.4	Serial Peripheral Interface (SPI)	19
	2.7.5	Pulse Width Modulation	20

3	**METHODOLOGY**	**21**
3.1	Overview of Lift Control System	21
3.2	Hardware Design	22

3.2.1 Microcontroller Development Board 22
3.2.2 Lift Control System 26
3.2.2.1 Lift Service Request Circuit/Keypad 26
3.2.2.2 Motor 29
3.2.2.2.1 Stepper Motor 29
3.2.2.2.2 DC Motor 36
3.2.2.3 Sensors, Display and Buzzer Circuit 38
3.2.2.3.1 Sensor 38
3.2.2.3.2 Display 40

3.3 Software Design 43
3.3.1 Required Specification 43
3.3.2 The System Software Algorithm 44
3.3.3 The System Program Flow Chart 45

4 RESULT AND DISCUSSION 54
4.1 Discussion and Analysis 54
4.2 Hardware 54
4.2.1 Microcontroller Main Board 54
4.2.2 Motor Controller Circuit 56
4.2.3 Sensor and Display Circuit 59
4.2.4 Service Request Circuit/Keypad 60
4.2.5 The Complete Lift Control System 61
4.3 Software 64
4.4 Model 64

5 CONCLUSION AND RECOMMENDATIONS 66
5.1 Conclusion 66
5.2 Recommendation 67

REFERENCES **68**

APPENDIX **70**

APPENDIX A - Lift Model 70

APPENDIX B - Firmware of Lift Control System 73

APPENDIX C - Pin Assignment M68HC11A1 77

APPENDIX D - Port signal Function for M68HC11 A Series 78

APPENDIX E - 2 MHz from Microcontroller Main Board 79

APPENDIX F - Manual to Get .s19 File Using ASM11 80

APPENDIX G - Manual to Use JBUG11 82

APPENDIX H - Data Sheets 87

LIST OF FIGURES

FIGURE	TITLE	PAGE
2.1	The Difference between Microprocessor and Microcontroller	6
2.2	Simplified System Block Diagram of 68HC11	9
2.3	Functional block Diagram of M68HC11	10
2.4	Pin Assignment for 48-pin SDIP	11
2.5	Connection of the Crystal to the MCU	12
2.6	Memory Map for MC68HC11	16
2.7	Block Diagram of Register	17
3.1	Block Diagram of Project Overview	23
3.2	The Complete Circuit for the Lift Control System	24
3.3	The Circuit for Microcontroller Development Board	25
3.4	Basic Design for Service Request Circuit	27
3.5	Car Call Circuit Design	28
3.6	Stepper Motor Operating System	30
3.7	Model and specification of Stepper Motor	31
3.8	Internal Connection of Stepper Motor	31
3.9	The motor Driver Circuit Design	33
3.10	Stepper Motor Circuit Design	35
3.11	Car Door Circuit Design	37
3.12	Direct Sensing Method	38
3.13	Sensor and Display Circuit Design	42
3.14	Flow Chart for Lift Initialization	46
3.15 (a)	Flow Chart for Lift Traffic Management (a)	47

3.15 (b)	Flow Chart for Lift Traffic Management (b)	48
3.15 (c)	Flow Chart of Lift Traffic Management (c)	49
3.15 (d)	Flow Chart of Lift Traffic Management (d)	50
3.15 (e)	Flow Chart of Lift Traffic Management (e)	51
3.15 (f)	Flow Chart of Lift Traffic Management (f)	52
3.16	Flow Chart of Lift Car Door Routine	53
4.1	The Utilization of the Port for the lift Control System	62
4.2	Lift Model	65

LIST OF TABLES

TABLE	TITLE	PAGE
2.1	Comparison features of MC68HC11 Family Members	8
2.2	Modes of the MC68HC11	14
3.1	The Operating Sequence of Stepper Motor	32
3.2	The Functional Table for DC Motor	36
4.1	Summary of the Port Used in Lift Control System	63

LIST OF ABBREVIATION

MCU	-	Microcontroller Unit
MicroC	-	Microcontroller
MicroP	-	Microprocessor
CPU	-	Central Processing Unit
ROM	-	Read-Only Memory
RAM	-	Random Access Memory
ADC	-	Analog-to-Digital Converter
HCMOS	-	High-Density Complementary Metal-Oxide Semiconductor
CMOS	-	Complementary Metal-Oxide Semiconductor
EEPROM	-	Electrically Erasable Programmable ROM
CCR	-	Condition Code Register
I/O	-	Input output
SFR	-	Special Function Register
SCI	-	Serial Communications Interface
SPI	-	Serial Peripheral Interface
CLK	-	Clock
LCD	-	Liquid Crystal Display
PWM	-	Pulse Width Modulation
IC	-	Integrated Chip
DC	-	Direct Current
IR	-	Infra-red
PC	-	Personal Computer
NRZ	-	non-return-to zero
LED	-	Light Emitting Diodes

LIST OF APPENDICES

APPENDIX	TITLE	PAGE
A	The Lift Model	70
B	Firmware of Lift Control System	73
C	Pin Assignment M68HC11A1	77
D	Port signal Function for MC68HC11 A Series	78
E	2 MHz from Microcontroller Development Board	79
F	Manual to Get .s19 File Using ASM11	80
G	Manual to Use JBUG11	82
H	Data Sheets	87