

بسم الله الرحمن الرحيم

اللَّهُ نُورُ السَّمَاوَاتِ وَالْأَرْضِ مَثَلُ نُورِهِ كَمِشْكَاةٍ {
فِيهَا مِصْبَاحٌ الْمِصْبَاحُ فِي زُجَاجَةٍ الزُّجَاجَةُ كَأَنَّهَا
كَوْكَبٌ دُرِّيٌّ يُوقَدُ مِنْ شَجَرَةٍ مُبَارَكَةٍ زَيْتُونَةٍ لَا
شَرْقِيَّةٍ وَلَا غَرْبِيَّةٍ يَكَادُ زَيْتُهَا يُضِيءُ وَلَوْ لَمْ
تَمْسَسْهُ نَارٌ نُورٌ عَلَى نُورٍ يَهْدِي اللَّهُ لِنُورِهِ مَن
يَشَاءُ وَيَضْرِبُ اللَّهُ الْأَمْثَالَ لِلنَّاسِ وَاللَّهُ بِكُلِّ
شَيْءٍ عَلِيمٌ }

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(رقم الآية) 35

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Dedication

To parents, sisters, Brother and
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Light to see darkness ways.

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ABSTRACT

This research presents a system of the PC remote Controlling with the Mobile Telephone through accessing the parallel PC port. Parallel port for transferring data from Mobile phone to PC and for interfacing PC with real time controlling hardware. The system is implemented by using the square signal generator (pulse signal) as associated with all modern mobile phone devices and mobile telecommunication networks. The software for whole system is designed and implemented with, Nokia mobile phone device and with ordinary type of PC that running under Windows XP or compatible. The software for system is; Mobile to PC through parallel port is a general commercial program that associated with the Nokia mobile

devices, (relay) and which access pulse signal file and control all parts of system is designed by using Turbo C++ language. Such idea is quiet new and represents the ability of anyone who has Mobile and PC to control remotely major devices in his/her home, office and etc.

التجريد

هذا البحث يقدم نظام التحكم عن بعد باستخدام الهاتف النقال خلال منفذ التوازي للكمبيوتر .
منفذ التوازي عباره عن رابط بين الهاتف النقال والكمبيوتر لنقل البيانات من الهاتف الي الكمبيوتر ومن ثم التحكم في الاجهزه .

هذا النظام نفذه باستخدام اشارته مولده من الهاتف النقال (نبضه) المشتركه مع جميع اجهزه الهواتف النقاله الاخرى والشبكات السلكيه والاسلكيه .

برنامج هذا النظام صمم باستخدام لغة توربو ++C تحت نظام Mellinum .

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Abbreviation:

Abbreviation	Meaning
GSM	Global system for mobile
PSC	Personal communication services
SMS	Short message services
MMS	Multimedia messages
GPS	Global position system
PSTN	Public Switched Telephone Network
NMT	Nordic mobile telephone
AMPS	Advanced mobile phone service
CDMA	Code division multiple access
GPRS	General packet radio service
HSCSD	High speed circuit switch data
UMTS	Universal Mobile Telecommunications System
1XEV-DO	1time evolution data-optimize
HSDPA	High-Speed Downlink Packet Access
HSUPA	High Speed Uplink Packet Access
WIFI	Wireless Fidelity
WIMAX	Worldwide Interoperability for Microwave Access
MS	Mobile stations
SIM	Subscriber Identity Module
ME	Mobile equipment

BSS	Base station subsystem
MSC	Mobile (services) switching center
BSC	Base station controller
BTS	Base transceiver station
HLR	Home location register
VLR	Visitor location register
OMC	Operation and maintenance center
ALU	Arithmetic and logic unit
RAM	Random access memory
ROM	Read only memory
CPU	Central processing unit
I/O	Input/output
PC	Personal computer
LPT1	DB-25 line printer1
EPP	Enhanced parallel port
DR	Data register
SR	Status register
CR	Control register
ECP	Enhanced capabilities port
DCE	Data communication equipment
DTE	Data terminal equipment
USB	Universal serial bus
TTL	Transistor transistor logic

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