

HIGHER TECHNICAL INSTITUTE
ELECTRICAL ENGINEERING DEPARTMENT

DIPLOMA PROJECT

DEVELOPMENT OF A TELETTEXT
SYSTEM

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DEVELOPMENT OF A TETETEXT SYSTEM

Project Report Submitted by:
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*in part satisfaction of the award of Diploma of Technician Engineer in
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Purpose of the work

The main purpose of the work was the development of a Teletext System.

Objectives

1. To study various types of Teletext System.
2. To select, design, develop, construct, test and calibrate a Teletext System.
3. To use the Teletext System as a demonstration unit.

Terms and Conditions

The Teletext System should be compatible to Cyprus T.V. Broadcasting Standards.

CONTENTS

	Pages
1.0 ACKNOWLEDGEMENT	1
2.0 SUMMARY	2
3.0 INTRODUCTION	
3.1 Indroduction and Description	4
3.2 Operation Statements	11
4.0 MAIN REPORT	
4.1 List of Components	13
4.2 Teletext (TxT) information	17
4.3 Modifications	19
4.4 TxT operation	21
4.5 TxT wareforms.....	23
5.0 REFERENCES	34
6.0 APPENDICES	
6.1 PC - CONTROLLED VIDEOTEXT	
DECODER PC - VT 700	36
6.2 F9 - 01 chassis T.V.	
Shematic diagram	43
6.3 Circuit / Pinout Diagrams	
and Parameter List for Ics	51

1.0 ACKNOWLEDGEMENTS

The Whole idea of this work was, actually, started a year ago when I made my first steps in television's world. Thanks to Mr. Stelios Athanasiades, Director of "A.S. Electronics Ltd", not only my technical knowledges are now in a good level but he also encarrigated me to go more deep on the Teletext (TxT) Facility, which is one of the most intevesting TV's subject.

Mr. D. Lambrianides, Lecturer of Electrical Engineering. H.T.I., was the person who accepted to Supervise this project and I would like to express my sincere thanks for his helpful quidance.

2.0 SUMMARY

ANDREAS GEORGIU, DEVELOPMENT OF A TELETEXT SYSTEM

The best thing that somebody can do, in order to succeed, study various types, select the proper and useful one, design correct, construct without any problems etc is to find a lot of information sources.

This kind of project-report will represent the development of the Teletext System which is, of course, compatible to Cyprus T.V. Broadcasting Standarts.

From the very beggining I had realised the difficulties of the whole procedure eg in the testing of the module I noted that TxT data was not appearing in the monitor and after a certain fault finding procedure I replaced R9, R10, R11, R12 (10K Ω) with a 4K7 Ω ones.