DIGITAL EQUIPMENT EFFECTIVE STRESS MEASURE
Deni Nur Shidiq, 40497125, Jalinas, SKom, MM
KKP, Computer Engineering, 2001
STMIK Jakarta STI & K
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Abstract:
In this thesis, we presented the design of measuring devices, which may be used to
measure the effective voltage value of an electrical signal.
operation of this measuring instrument used for measuring the effective price of the
waves that shaped not sequentially, either periodically or non periodic. Design
restricted to the use of measurement of stress waves within the audio frequency
region.
The main circuit consists of voltage sensor, which at the same time as devider
voltage, the effective price of a modifier of voltage (current) direction, and the last is
a digital voltmeter. The output from the sensor circuit signal voltage is still a form
similar to the original signal is measured, but the amplitude is different, tailored to
local measurements. Modifiers effective price will count value to flow effective
unidirectional signal output from the sensor circuit. The output of this converter
circuit becomes the input of digital voltmeter, which is then displayed by the viewer
seven sections (seven segment).