



Instituto Superior de
Engenharia do Porto

Posicionamento Paineis Fotovoltaicos

Aluno :

Sérgio Santos, Nº: 1020881

Docente/Orientador

Abel António de Azevedo Ferreira, *abe*
Lino Manuel Baptista Figueiredo, *lb*

Unidade Curricular

LABSIS

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Resumo

Estado da Arte Explain.

Palavras Chave: Sensores, Componentes

1 Introdução

Material usado

- LDR - Light Controlled Resistor
Dark resistance 1M.
40k at 10 lux.
Max voltage 100V.
Max power 80mW.
- INA128PA - Instrumentation Amplifier
Banda de transmissão: 1.3MHz
Montagem: THT
Número de canais: 1
Carcaça: DIP8
Rapidez de subida de tensão: $4V / \mu s$
Temperatura de trabalho: -40...85°C
Entradas de tensão instável: 0.025mV
Tensão de trabalho: 2.25...18V
- LCD 20x4 Blue NHD-0420DZ-NSW-BBW
4x20 Characters HD44780 compatible
- Keypad 16 button White
- Hitec HS 311 Servo Motor
Control System:
+Pulse Width Control 1500 μ sec
Operating Voltage:
4.8-6.0 Volts
Operating Speed (4.8V):
0.19sec/60° at no load
Stall Torque (4.8V):
42 oz/in (3.0 kg/cm)
- PCF8563 RTC Board
Real-time clock/calendar function.
Battery on board.
I2C communication.

2 Desenvolvimento

Explain

3 Conclusões

Explain

Lista de Figuras

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Bibliografia

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¹Apontamento