



# HERA

BM-HERA\_Jr-V1.1

## Brief Manual of HERA Jr. Application Board with MiDAS 1.1 Family

V1.1

May 2006

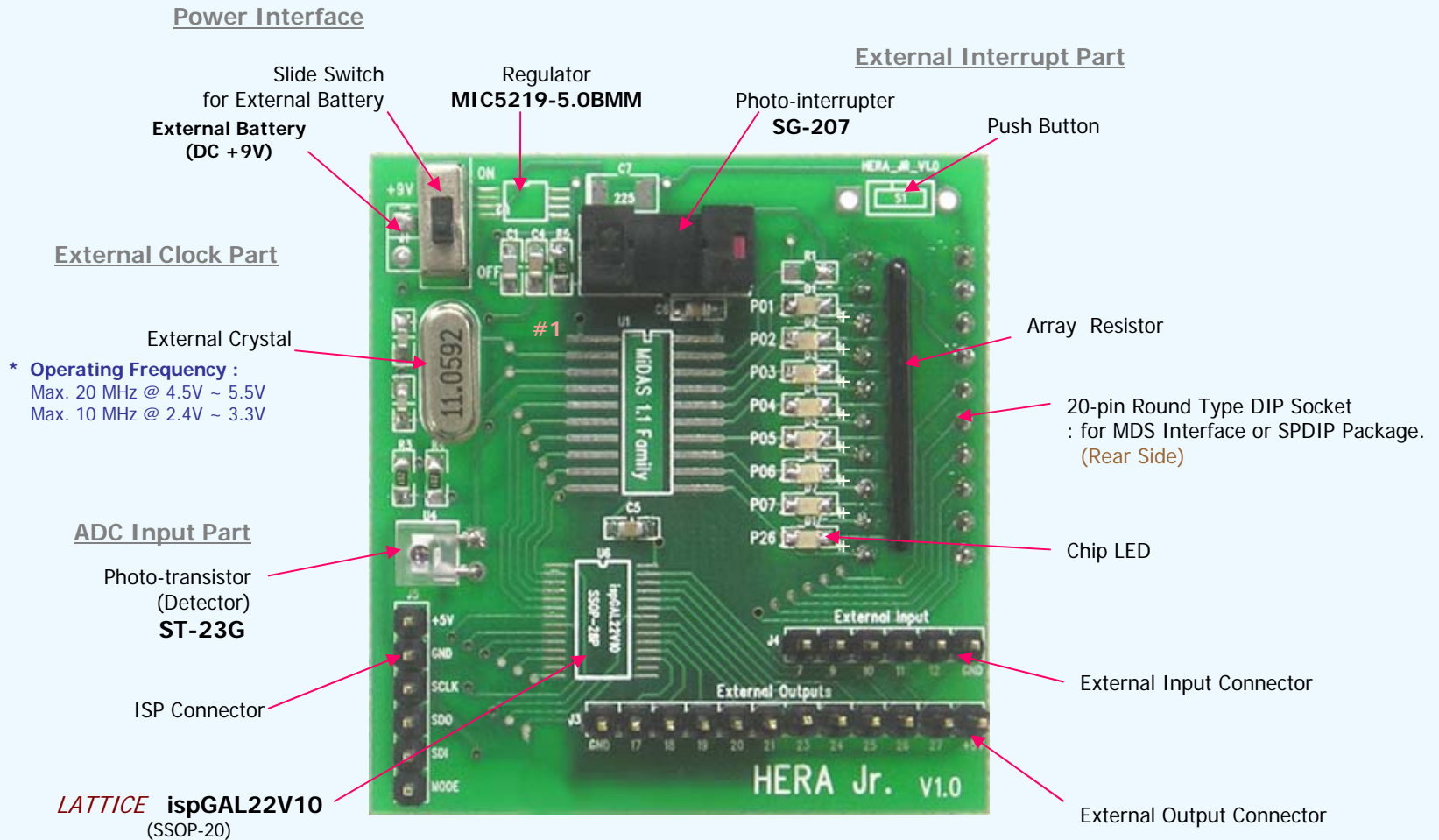
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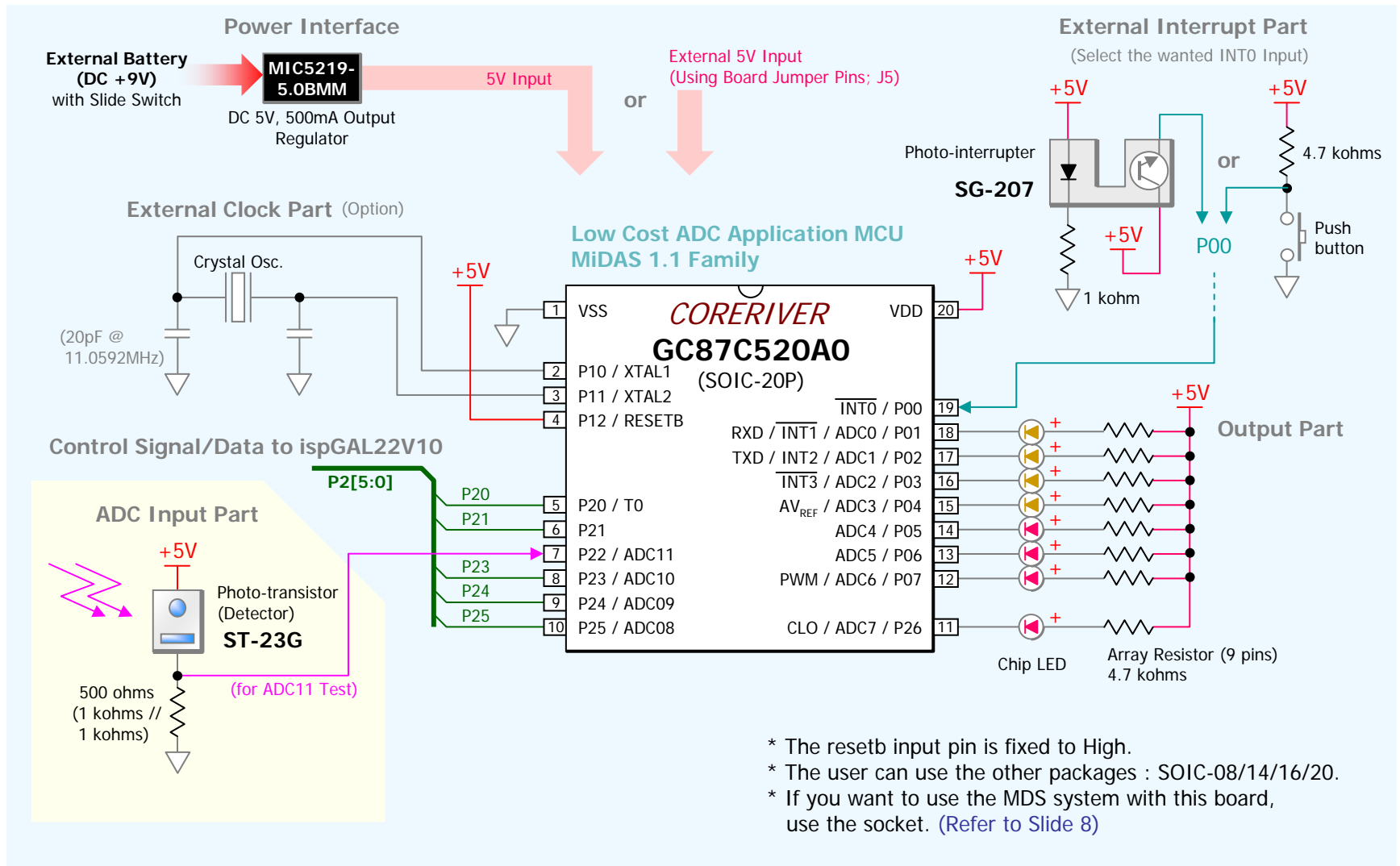
1. HERA Jr. Application Board
2. Block Diagram
3. How to Use the HERA Jr. Board

# 1. HERA Jr. Application Board

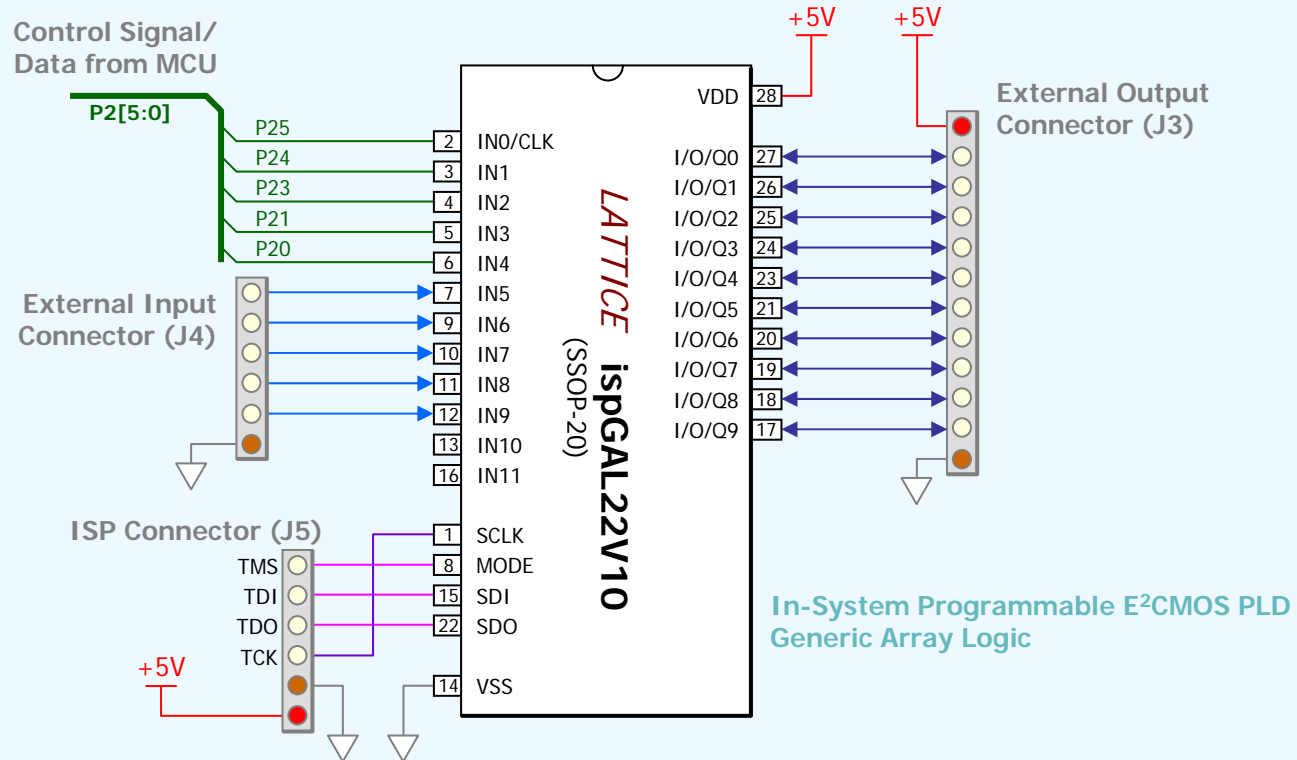
\* Refer to Slide 4 & 5 : Block Diagram



## 2. Block Diagram : Main Part



## 2. Block Diagram : External Part

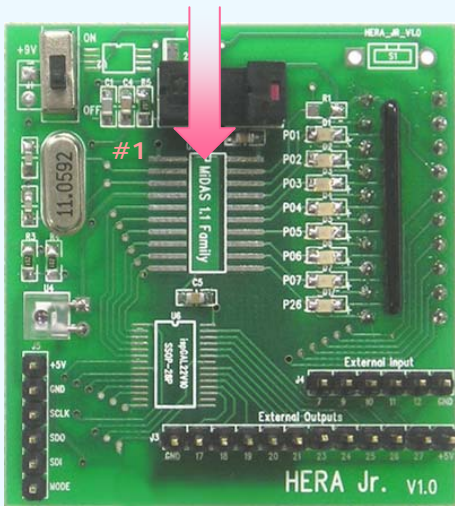


- \* The user can program this GAL Device to wanted design.
- \* The user can use the connectors for external inputs/outputs.

# 3. How to Use the HERA Jr. Board

## ◆ Using the MiDAS 1.1 MCU for SOIC Package

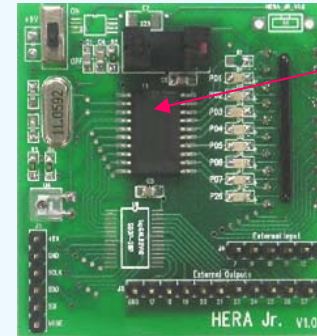
**MIDAS 1.1 MCU : SOIC Type**  
(GC87C510A0-SO20)



\* The user can use the other packages :  
SOIC-16/14/08



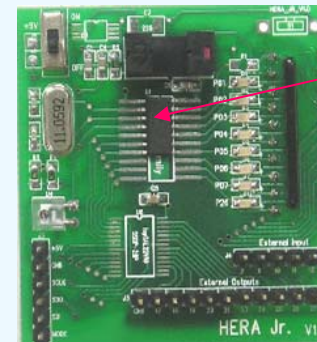
**Example : SOIC-20**



GC87C520A0-SO20I



**Example : SOIC-14**

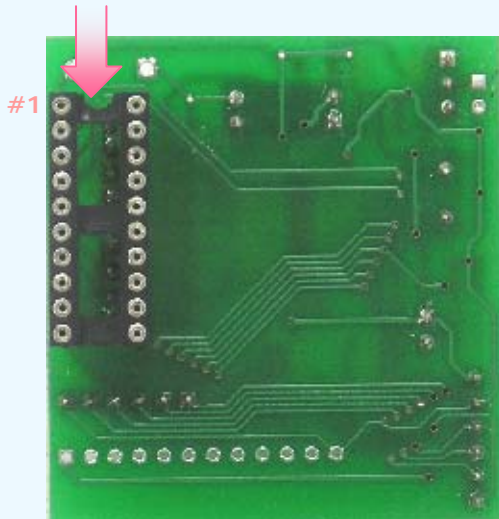


GC87C520A0-SO14I

### 3. How to Use the HERA Jr. Board

- ◆ Using the MiDAS 1.1 MCU for SPDIP Package

**MIDAS 1.1 MCU : SPDIP Type**  
(GC87C510A0-SP20I)

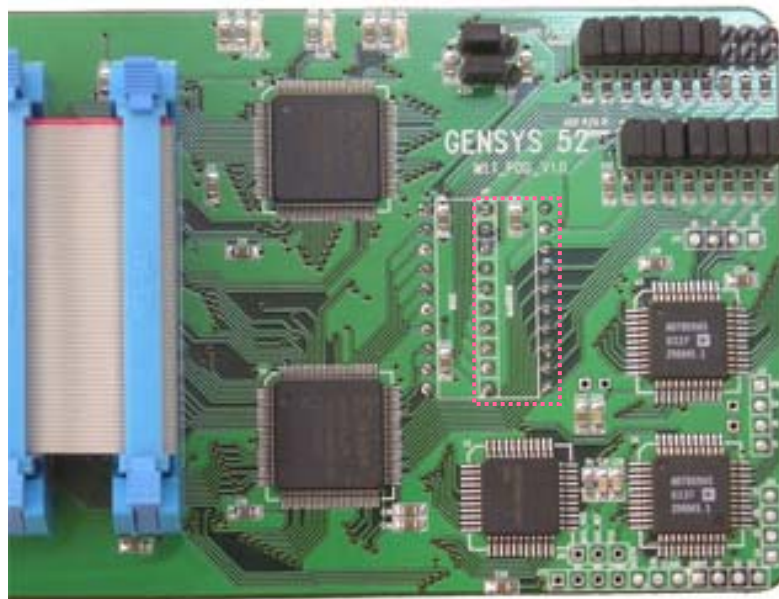


\* The user can use the other packages :  
SPDIP-16/14/08

## 2. How to Use the HERA Jr. Board

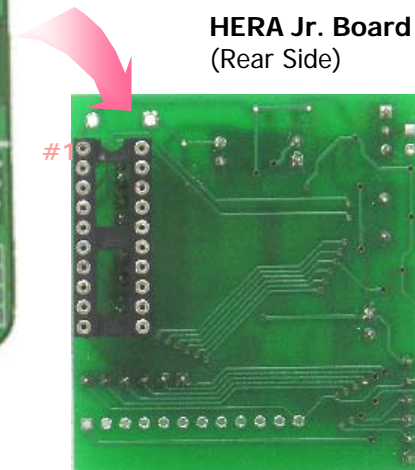
### ◆ Using the MDS Equipment : MiDAS 1.1 MDS

- ✓ When the user uses HERA Jr. board with MDS equipment, check which the MCU is not on the HERA Jr. board.
- ✓ If the MCU is on the HERA Jr. board, please detach the MCU from the HERA Jr. Board.



**GENSYS52 MDS for MiDAS 1.1  
(POD Board)**

**HERA Jr. Board  
(Rear Side)**



\* MDS : Micro-Controller Development System