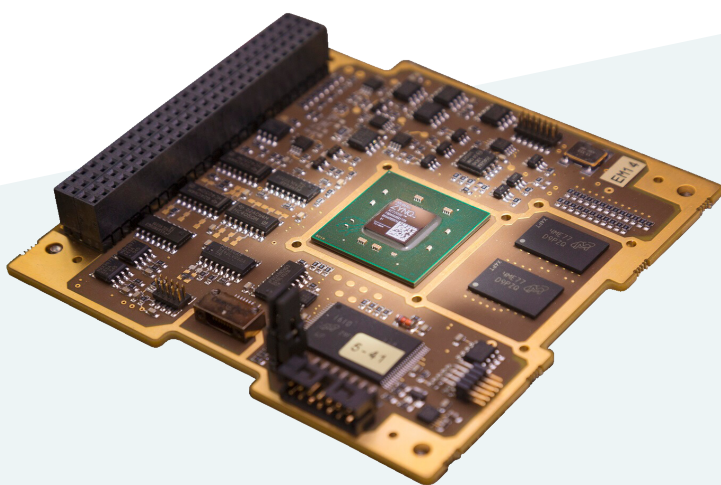


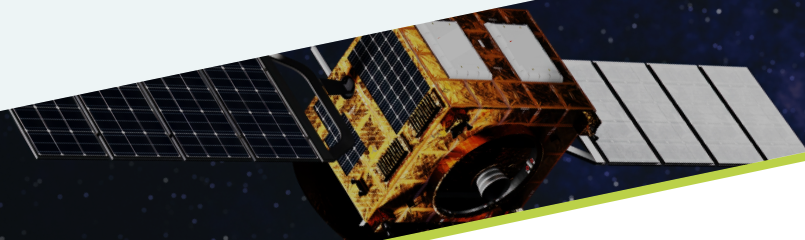
| Space

NINANO

Computadora a bordo



STEEL
électronique
AN ACTIA AEROSPACE COMPANY



Single Board Computer

diseñado para nanosatélites

/ High performance / Versátil / PC104 formato / Flight-proven (TRL9)

KEY FEATURES

Processing core

/ Zynq 7030
/ 1GB DDR3
(512MB with ECC)

Storage Memory

/ 8Kbyte FRAM
/ 16MB QSPI
/ 8/128Gbits NAND flash

Multi-applications

/ Nanosat Central Computer
/ Payload Data Handling
/ Instrument Management

SPECIFICATIONS

INTERFACES

Main items

- I2C master or slave
- 2 UART
- CAN bus
- JTAG for debug
- ARM TRACE
- 1 wire bus
- 2 SpaceWire or 4 in / 4 out (LVDS or RS422)
- MTQ commands
- Downlink : LVDS (data + clock) 100Mbps
- S-band transponder interface:
RS422 (RX/TX data+clock) 10 Mbps
- 8 HCMOS GPIO and 12 LVC MOS user GPIO

SWaP

Volume

90 x 95 x 15 mm

Mass

100g

Power supply Input

Main: 4-12V
Aux : 3.3V

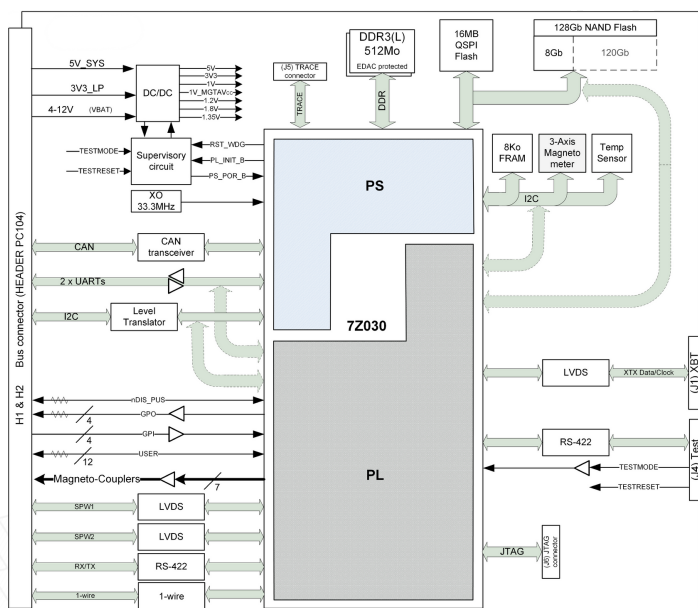
ENVIRONMENT

Vibrations

~20 grms

Temperature

-30 to +55°C (operating)



STEEL Electronique es una compañía de ACTIA Aerospace siendo un líder internacional de electrónica a bordo & sistemas SatCom

ACTIA Aerospace es una división de ACTIA Group:

+1000

Sistemas Terrestres Entregados

+1000

Satélites Equipados

+4000

Empleados por todo el mundo

+579 M€

De Utilidades en 2023

ACTIA de México

Av. Central 176, Nueva Industrial Vallejo, Gustavo A. Madero, 07700 CDMX, México

Tel: +52 (55) 51192350

ventas@actia.com.mx

www.actia.com.mx

Ref.: Space-NINANO-2410A