INTELIGHT
NEVER STAND STILL

ATC Engine Board
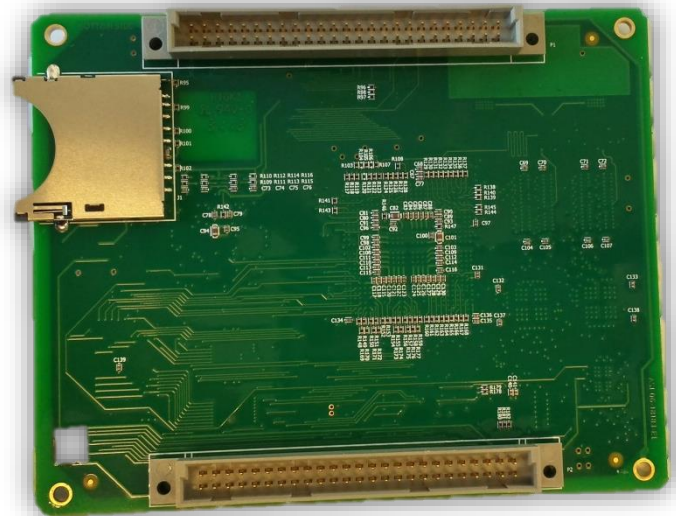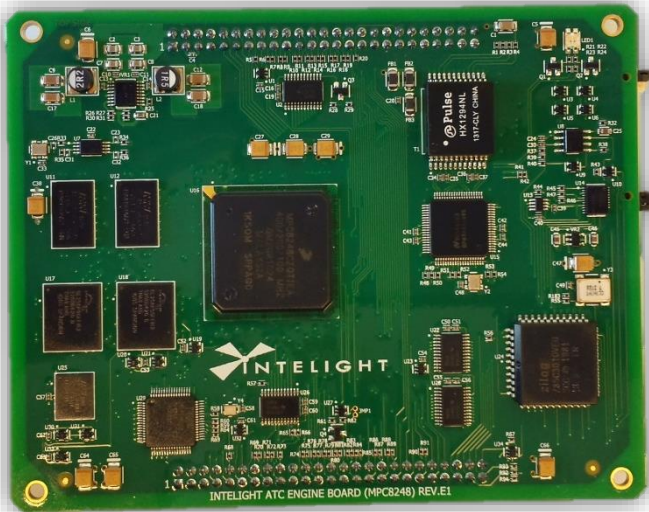**ATC Compliant (Linux) Engine Board**

Overview

The Intelight ATC Engine Board is compliant with the Advanced Traffic Controller (ATC) 5.2b and 6.1(draft) specifications and is the heart of the Intelight ATC controllers. This engine board provides a significantly faster platform that is capable of running a web-server user interface, provides better Ethernet communications switching, and has enough memory and processor power to support future feature work in MaxTime controller software.

Platform

- Compliant with ATC 5.2b, ATC 6.1 (latest draft) specifications

- Open Linux O/S architecture for hosting various ATC software applications

- Runtime libraries per ATC5.2b (ATC 6.1 latest draft)

- Full support for all required ATC 6.1 software drivers under the latest Linux kernel release v 3.0

- Used in all Intelight ATC applications (See reverse side for controller compatibility)

Engine Board

- Motorola PowerPC (Freescale) 8248 processor
  - 32-bit
  - 750 MIPs at 400 MHz
- 64MB of DRAM
- 64MB of flash memory
- 7 serial ports (SP1-6, SP8)

- Secure Digital (SD) card slot
- Standard ATC interface/form factor

* Indicates Extended/Optional Feature. All information and specifications are subject to change without notice. Registered names and trademarks are owned by their respective owners.

Revised 02/2017

Hardware Configurations

- Intelight Controllers
  - X-Series controllers
    - X-3SL NEMA
    - X-3 NEMA
    - LDX 2070 style (ATC)
    - CBX (compact 2070 ATC)
- Siemens M50
  - Direct replacement for OS-9 engine board
  - Updates Siemens OS-9 software to Intelight's MaxTime Linux-based controller software

Features

- Embedded Linux operating system
- Controller framework supports future expansion
- Open hardware platform
- Consistent user experience
- Ideal for multi-agency jurisdictions
- Supports multiple manufacturers "ATC/Linux" traffic signal software

INTELIGHT

intelight-its.com • info@intelight-its.com • 520 795-8808
1941 1st Ave S, Suite 3C, Seattle, WA 98134