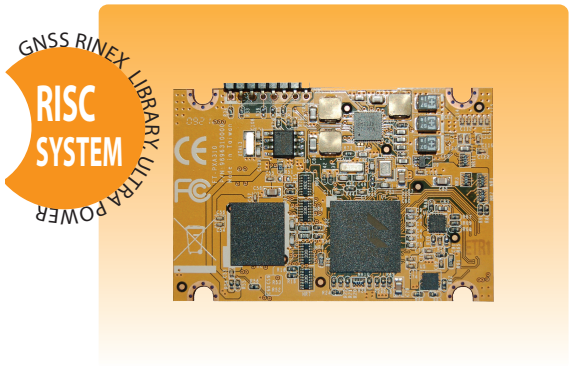
FORMOSATREND Series
FT310 System On Module



Introduction
- CODE COMPATIBILITY AND ECOSYSTEM SUPPORT
- BOARD SIZE: 40mm(W) x 60mm(L)
- BOARD TO BOARD DESIGN FOR OEM AND CARRIER BENEFITS
- POWER-EFFICIENT, HIGH-PERFORMANCE PROCESSING
- ENTERPRISE-CLASS SECURITY ACCELERATION
- FULL PRODUCT LINE SUPPORT

Features
- Scalable core up to 624 MHz.
- Marvell® Scalable Power Manager
- 90 nm low-power process
- Hardware video acceleration
- Multimedia acceleration with Intel® Wireless MMX™ 2 technology
- Full GPS and dead reckoning (DR) control code Libary*
- Support for H.264, MPEG-4, MPEG-2, WMV9, and RealVideo formats **

Application
.Mobile platform with multi-I/O I/F demands
.Compact diagnostic, monitoring, control equipment
.HMI System Engine ,Intelligent remote I/O controller
.Vehicle/telemetric platforms (With Terminal or none Dispaly)

Technical Specifications

Option / Function	FT 310	Reconfiguration Opteion
CPU	624 MHz	806MHz
DRAM	128MB	256MB
Flash	128MB	256MB
PWR Management	DVS,DFS,Deep Sleep	Ultra PW system
LCD	800*480	
USB	V1.0 for 2 x Host,1xclient	
MMC/SD/SDIO	3 x MMC/SD/SDIO	
UART	3 x TTL Level	
SSP	4 x SSP	
Audio Code	AC'97	

Function	FT 310