

## YL511: advicePLUS for M16C/1N series

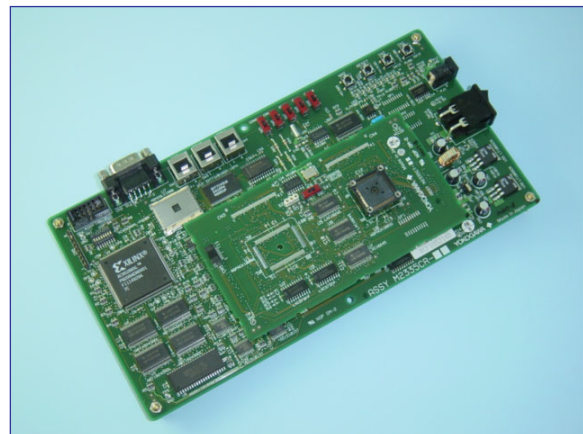
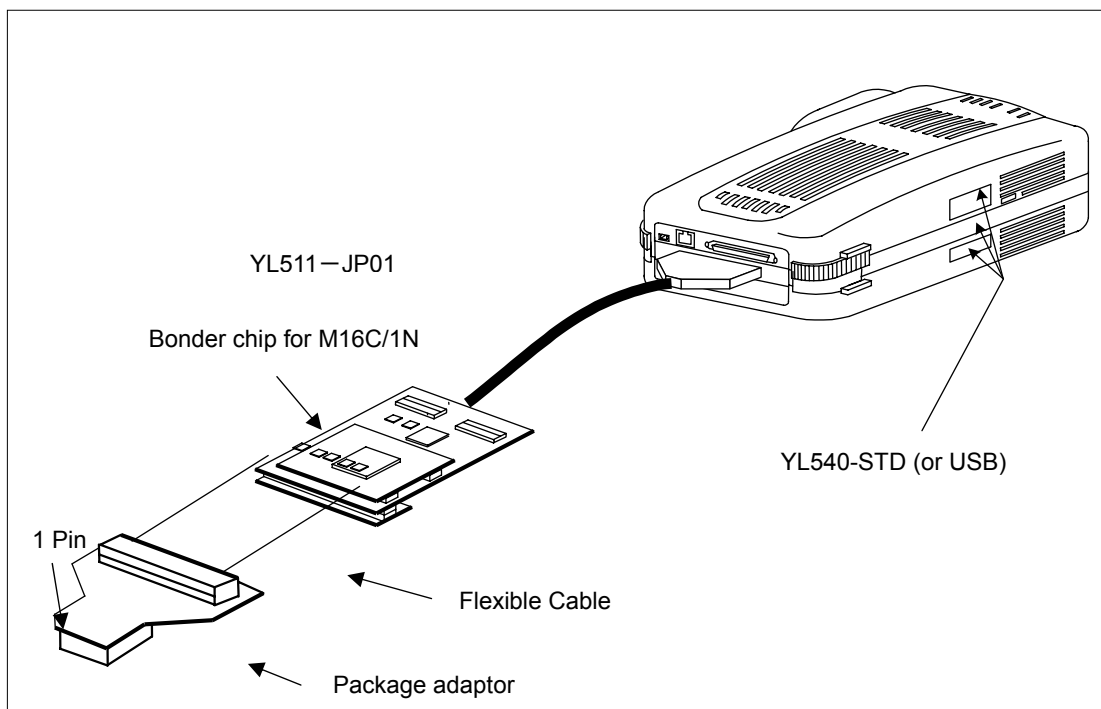
### Specifications

Common Part	
Target Processor	M301N2F8TFP, M301N2M4T-xxxFP
Operation Voltage	4.2 to 5.5v
Operating Clock	16MHz (Max.)
Memory Space	All memory space made available to a user's system
Interrupts	All interrupts made available to a user's system
Target System I/F	QFP48pin, 0.5mm pitch (48P6A) Probe Head Socket: YQPACK048SD (Tokyo Eletec) Socket on target: NQPACK048SD (Tokyo Eletec)
Internal ROM/RAM Emulation	ROM: Dedicated memory on the probe RAM: Dedicated memory on the probe
Breakpoint	1024 points by replacing instructions with software break Temporary break: 1 point Countable break: 1 point Event break: 15 points (OR condition with event setting)
Event	Number of Events: 15 points (Max.) Event counter: 6 points Sequential switch: 8 bit Trigger Condition: The following AND/OR settings are available. Address: Match/Not match/Range/Out of Range/Don't Care Data: Match/Not match/Range/Out of Range/Don't Care Access Status: FT/BFT/R/W/RW/MR/MW/MRW/DMAR/DMAW/DMARW/IA
Trace	Size: 32K samples Mode: Normal mode/Multi sample mode Timestamp resolution: 20ns/100ns
Performance	Range to measure: To be set up with OR condition of Event Range to exclude from measurement: To be set up with OR condition of Event Time resolution: 20ns Time-over /Time-under break
Optional Features	
Coverage	Coverage size: 2MB
External bus emulation	External bus emulation is not supported as M16C/10 is a single chip microcomputer.
Other Specifications	
Host PC	PC/AT Compatible, Microsoft Windows 98SE, Me, XP, NT4.0, 2000 10BASE-T/100BASE-TX, USB1.1
Debugger	microVIEW-PLUS (DL511)
Compiler	Mitsubishi C compiler Gaio C compiler

## System Configuration

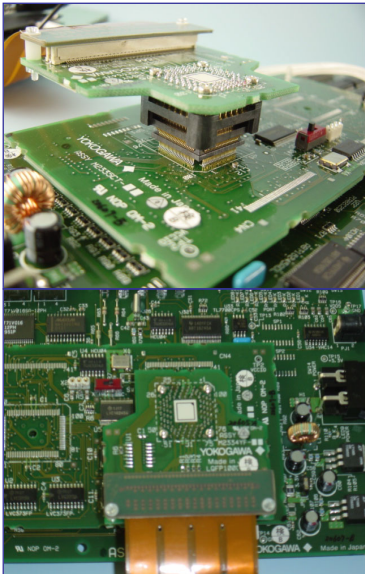
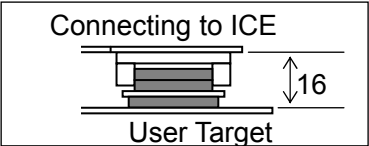
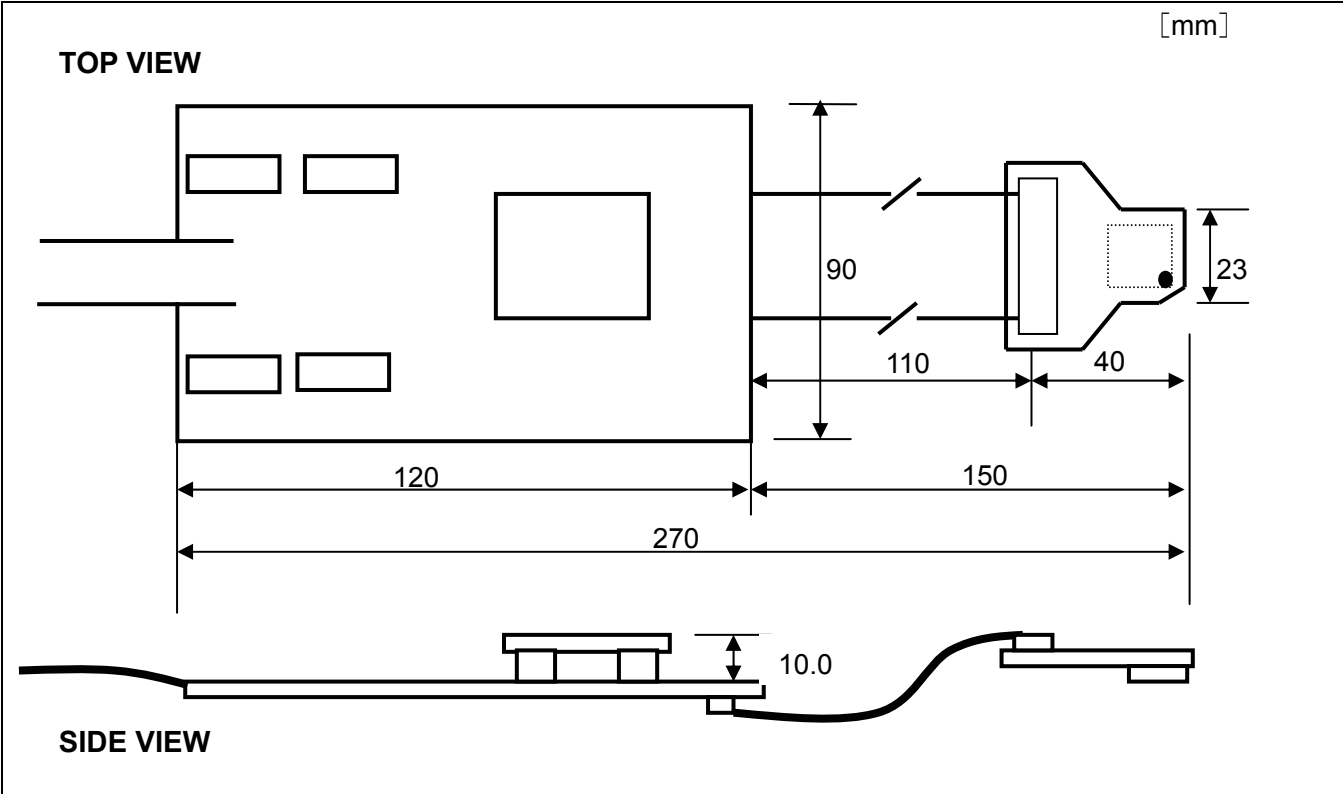
Model		Description
1	YL540-STD	Main Module for M16C/10, Ethernet I/F, AC adaptor
	YL540-USB	Main Module for M16C/10, USB I/F and cable, AC adaptor
	YL540-STD/COV02	Main Module for M16C/10, Ethernet I/F, AC adaptor, 2MB Coverage
	YL540-USB/COV02	Main Module for M16C/10, USB I/F and cable, AC adaptor, 2MB Coverage
2	YL511-JP01	Probe for M16C/1N (QFP48pin, 0.5mm)
3	YL511-DP01	Dummy Target for M16C/1N (QFP48pin, 0.5mm), AC adaptor
4	YL540-PFL	Profile Module
5	DL511	microVIEW-PLUS for M32C/1N

## System Connection Example



Dummy Target for YL511-JP01

Probe



Target Connection

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Overseas Sales Division  
Keio-Fuchu 1-Chome Building  
1-9 Fuchucho, Fuchu-shi, Tokyo, 183-8516 Japan  
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