

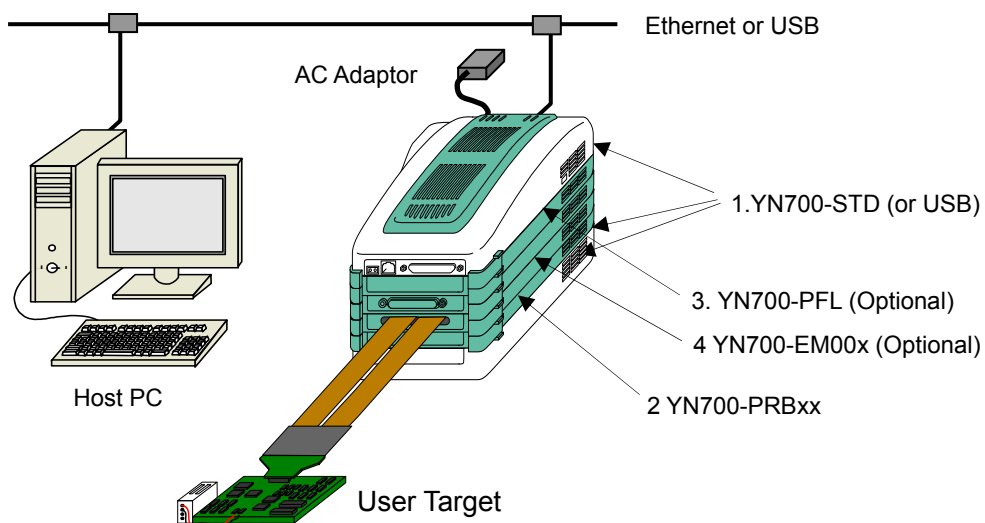
YN700 advicePLUS for V850ES/Kx1 series Specifications

| Common Part | |
|----------------------------|---|
| Target Processor | V850ES/KF1: μ PD703208, μ PD703209, μ PD703210, μ PD70F3210 V850ES/KG1: μ PD703212, μ PD703213, μ PD703214, μ PD70F3214 V850ES/KJ1: μ PD703216, μ PD703217, μ PD70F3217 |
| Operation Voltage | 3V to 5V |
| Operating Clock | 3V: 20MHz (Max.)/3.5V to 5V: 16MHz (Max.) /3V to 5V: 10MHz (Max.) |
| Memory Space | 64Mbyte of 4GB address space |
| Interrupts | All interrupts made available to a user's system |
| Target System I/F | <ul style="list-style-type: none"> QFP80pin, 0.65mm pitch Probe Head Socket: YQPACK080SB (Tokyo Eletec) Socket on Target: NQPACK080SB (Tokyo Eletec) QFP80pin, 0.5mm pitch Probe Head Socket: YQPACK080SD (Tokyo Eletec) Socket on Target: NQPACK080SD (Tokyo Eletec) QFP100pin, 0.5mm pitch Probe Head Socket: YQPACK100SD (Tokyo Eletec) Socket on Target: NQPACK100SD (Tokyo Eletec) QFP144pin, 0.5mm pitch Probe Head Socket: YQPACK144SD (Tokyo Eletec) Socket on Target: NQPACK144SD (Tokyo Eletec) |
| Internal ROM/RAM Emulation | ROM: Emulation memory on the probe is used. RAM: Internal resource on the eva-chip is used. |
| Software Break | Point break: 1024 points by replacing instructions with software break 1 point for temporary break, 1 point for countable break |
| Hardware Break | 15 points for event break (Max.) |
| Other Specifications | |
| Host PC | PC/AT Compatible, Microsoft Windows 98SE, Me, XP, NT4.0, 2000 10BASE-T/100BASE-TX, USB Full-Speed (Not available on NT4.0) |
| Debugger | microVIEW-PLUS (DN700) |
| Compiler | NEC Electronics C compiler Green Hills C/C++ compiler |

System Configuration

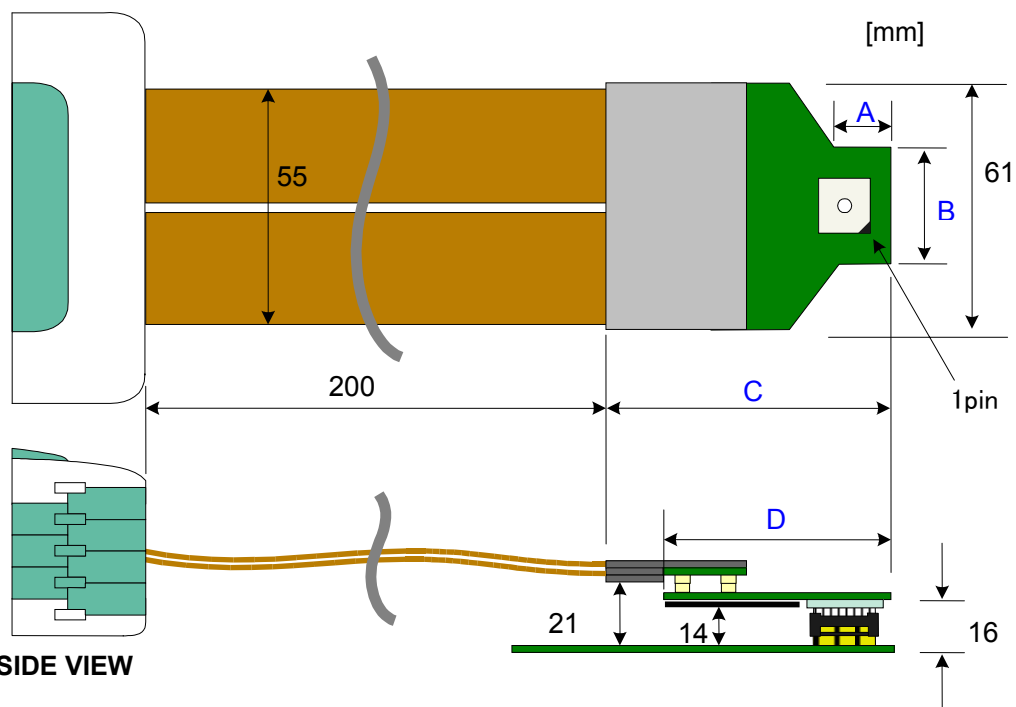
| Model | Description | |
|-------|-----------------|---|
| 1 | YN700-STD | Main Module for V850ES/KX1 series, Ethernet I/F, AC adaptor |
| | YN700-STD/COV02 | Main Module for V850ES/KX1 series, Ethernet I/F, AC adaptor, 2MB Coverage |
| | YN700-STD/COV16 | Main Module for V850ES/KX1 series, Ethernet I/F, AC adaptor, 16MB Coverage |
| | YN700-USB | Main Module for V850ES/KX1 series, USB I/F and cable, AC adaptor |
| | YN700-USB/COV02 | Main Module for V850ES/KX1 series, USB I/F and cable, AC adaptor, 2MB Coverage |
| 2 | YN700-USB/COV16 | Main Module for V850ES/KX1 series, USB I/F and cable, AC adaptor, 16MB Coverage |
| | YN700-PRB01 | Probe for V850ES/KF1 series (QFP80pin, 0.65mm) |
| | YN700-PRB02 | Probe for V850ES/KF1 series (TQFP80pin, 0.5mm) |
| | YN700-PRB03 | Probe for V850ES/KG1 series (LQFP100pin, 0.5mm) |
| 3 | YN700-PRB04 | Probe for V850ES/KJ1 series (LQFP144pin, 0.5mm) |
| | YN700-PFL | Profile Module |
| 4 | YN700-EM004 | External Bus Emulation Module (4MB) |
| | YN700-EM0016 | External Bus Emulation Module (16MB) |
| 5 | YN700-DUT01 | Dummy Target for V850ES/KF1 series (QFP80pin, 0.65mm), AC adaptor |
| | YN700-DUT02 | Dummy Target for V850ES/KF1 series (TQFP80pin, 0.5mm), AC adaptor |
| | YN700-DUT03 | Dummy Target for V850ES/KG1 series (LQFP100pin, 0.5mm), AC adaptor |
| | YN700-DUT04 | Dummy Target for V850ES/KJ1 series (LQFP144pin, 0.5mm), AC adaptor |
| 6 | DN700 | microVIEW-PLUS for V850ES/KX1 series |

System Connection Example



Probe

TOP VIEW



SIDE VIEW

| Probe Model | A | B | C | D |
|-------------|----|----|----|----|
| YN700-PRB | 29 | 34 | 91 | 80 |
| YN700-PRB | 26 | 31 | 88 | 77 |
| YN700-PRB | 27 | 32 | 89 | 78 |
| YN700-PRB | 34 | 39 | 96 | 85 |

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