

■ LINE-UP

TYPE No.	FUNCTION	FEATURES	PACKAGE
NJU3421A	Vacuum Fluorescent Display Controller Driver (With Keyscan)	<ul style="list-style-type: none"> ● Display Mode :9-segment x15-digit :16-segment x8-digit ● VFD Driving Voltage :$V_{DD}-V_{FDP} \leq 45V$ ● Display ON/OFF Control Function ● Programmable Duty Ratio for Timing Signal (8:2/16 to 15/16 duty) ● Display Data RAM: 30 x8-bit ● Key Input Data RAM:8x4-bit ● Key Input Detecting Function ● Output Port for LED:3LED max.($I_O=10mA$) ● Oscillator (Formed by Connecting an External Ceramic Resonator or External Oscillator) ● 8-bit Serial Interface ● Power-ON Reset Function ● Operating Voltage: $5V\pm 10\%$ 	Bumped Chip SDIP42 QFP44-A1
NJU3422	Vacuum Fluorescent Display Controller Driver	<ul style="list-style-type: none"> ● Display Mode :8-segment x8-digit ● VFD Driving Voltage :$V_{DD}-V_{FDP} \leq 45V$ ● Display ON/OFF Control Function ● Programmable Duty Ratio for Timing Signal (8:2/16 to 15/16 duty) ● Display Data RAM: 8 x8-bit ● Oscillator (Formed by Connecting an External Ceramic Resonator or an External Resistance or External Oscillator) ● 8-bit Serial Interface ● Power-ON Reset Function ● Operating Voltage: $5V\pm 10\%$ 	SDIP24
NJU3423	Vacuum Fluorescent Display Controller Driver (With Keyscan)	<ul style="list-style-type: none"> ● Display Mode :11-segment x11-digit :16-segment x6-digit ● VFD Driving Voltage :$V_{DD}-V_{FDP} \leq 45V$ ● Display ON/OFF Control Function ● Programmable Duty Ratio for Timing Signal (8:2/16 to 15/16 duty) ● Display Data RAM: 22 x8-bit ● Key Input Data RAM:8x4-bit ● Key Input Detecting Function ● I/O Port:4LED max.($I_O=4mA$) ● Output Port for LED:4LED max.($I_O=10mA$) ● Oscillator (Internal CR Oscillator or Formed by Connecting External Oscillator) ● 8-bit Serial Interface ● Power-ON Reset Function ● Operating Voltage: $5V\pm 10\%$ 	QFP44-A1

VFD DRIVER SERIES LINE-UP

TYPE No.	FUNCTION	FEATURES	PACKAGE
NJU3426	16-Segment x14-Digit Vacuum Fluorescent Display Controller Driver	<ul style="list-style-type: none"> ● Directly Drives 16-segment x14-digit ● VFD Driving Voltage :$V_{DD}-V_{FDP} \leq 45V$ ● Display Shift Function ● Display ON/OFF Control Function ● Programmable Duty Ratio for Timing Signal (8:2/16 to 15/16 duty) ● Display Data RAM: 30 x8-bit ● Oscillator (Formed by Connecting an External Ceramic Resonator or External Oscillator) ● 8-bit Serial Interface ● Power-ON Reset Function ● Operating Voltage: 3.0V to 5.5V 	QFP48-P1
NJU3430	16-Character 1-Line Dot Matrix Vacuum Fluorescent Display Controller Driver	<ul style="list-style-type: none"> ● Directly Mode 9-Character to 16-Character 1-Line Dot Matrix ● VFD Driving Voltage :$V_{DD}-V_{FDP} \leq 45V$ ● Display Shift Function ● Display ON/OFF Control Function ● Programmable Duty Ratio for Timing Signal (8:8/16 to 15/16 duty) ● Display Data RAM: 16 x8-bit ● CG ROM:8,400-bit ● CG RAM:35 x8-bit ● I-con Display RAM:16 x2 ● Output Port for LED:1LED max.($I_O=4mA$) ● Oscillator (Formed by Connecting External Resistor and Capacitor or External Oscillator) ● 8-bit Serial Interface ● Power-ON Reset Function ● Operating Voltage: 3.0V to 5.5V 	QFP64-G1