



**Important Notice Regarding
E-27 & S-27 DSP, Parallel Keypad, and Parallel I/O Part Number Supersession
& DSP Field Replacement Unit Kits
For Immediate Release (revised December 2023)**

DSP Part Number Supersession & Note: you may need to order new PIO cables. See Page 2

Ongoing supply chain issues and eventual obsolescence of the parallel keypad connector and parallel i/o connectors forced Unico to supersede the legacy E-27 DSP part numbers. The supersession occurred in two stages. At end of 2021, due to the sudden delivery interruption of the keypad connector, Unico triggered release of DSP part numbers without a parallel keypad connector.

Unfortunately, the replacement connectors are not pin compatible with the originals. All versions of the DSP maintained the Console and the RJ-45 download ports.

Legacy DSP Part Numbers & Effected Connectors – No Longer In Forward Production

- 324739 E-27 36 pin keypad connector & 50 pin parallel i/o with **legacy** pinout, console & RJ-45 ports
- 324740 E-27 36 pin keypad connector & 50 pin parallel i/o with **legacy** pinout, console & RJ-45 ports
- 324792 S-27 36 pin keypad connector & 50 pin parallel i/o with **legacy** pinout, console & RJ-45 ports
- 325196 S-27 36 pin keypad connector & 50 pin parallel i/o with **legacy** pinout, console & RJ-45 ports
- 326243 E-27 36 pin keypad connector & 50 pin parallel i/o with **legacy** pinout, console & RJ-45 ports
- 326756 E-27 36 pin keypad connector & 50 pin parallel i/o with **legacy** pinout console & RJ-45 ports

Interim DSP Part Numbers & Connectors – No Longer In Forward Production

- 330788 E-27 no keypad connector & 50 pin parallel i/o with **legacy** pinout, console & RJ-45 ports
- 330789 E-27 no keypad connector & 50 pin parallel i/o with **legacy** pinout, console & RJ-45 ports
- 330790 S-27 no keypad connector & 50 pin parallel i/o with **legacy** pinout, console & RJ-45 ports
- 330791 S-27 no keypad connector & 50 pin parallel i/o with **legacy** pinout, console & RJ-45 ports
- 330792 E-27 no keypad connector & 50 pin parallel i/o with **legacy** pinout, console & RJ-45 ports
- 330793 E-27 no keypad connector & 50 pin parallel i/o with **legacy** pinout, console & RJ-45 ports

Superseding DSP Part Numbers & Connectors – Now in Production – consider ordering FRU kit below.

- 324739.100 E-27 40 pin keypad connector & 50 pin parallel i/o with **new** pinout, console & RJ-45 ports
- 324740.100 E-27 40 pin keypad connector & 50 pin parallel i/o with **new** pinout, console & RJ-45 ports
- 324792.100 S-27 40 pin keypad connector & 50 pin parallel i/o with **new** pinout, console & RJ-45 ports
- 325196.100 S-27 40 pin keypad connector & 50 pin parallel i/o with **new** pinout, console & RJ-45 ports
- 326243.100 E-27 40 pin keypad connector & 50 pin parallel i/o with **new** pinout, console & RJ-45 ports
- 326756.100 E-27 40 pin keypad connector & 50 pin parallel i/o with **new** pinout, console & RJ-45 ports

FRU Kit with above DSP and two cables: (117810, new DSP to new keypad), 117814 (new DSP to old keypad)

- 330865 contains: 324739.100 E-27, 117810 (40/40 pin keypad cable), 117814 (40/36 pin crossover keypad cable)
- 330866 contains: 324740.100 E-27, 117810 (40/40 pin keypad cable), 117814 (40/36 pin crossover keypad cable)
- 330867 contains: 324792.100 S-27, 117810 (40/40 pin keypad cable), 117814 (40/36 pin crossover keypad cable)
- 330868 contains: 325196.100 S-27, 117810 (40/40 pin keypad cable), 117814 (40/36 pin crossover keypad cable)
- 330869 contains: 326243.100 E-27, 117810 (40/40 pin keypad cable), 117814 (40/36 pin crossover keypad cable)
- 330870 contains: 326756.100 E-27, 117810 (40/40 pin keypad cable), 117814 (40/36 pin crossover keypad cable)

Legacy Parallel Data Keypad & Cable

- 316466 36 pin connector parallel data keypad - typically mounted to front of unit
- 913258 36 & 36 pin parallel data keypad ribbon cable

Superseding Parallel Data Keypad & Cable

- 316466.100 40 pin connector parallel data keypad – typically mounted to front of unit
- 117810 40 pin & 40 pin parallel data keypad ribbon cable

Keypad Crossover Ribbon Cable

- 117814 36 pin to 40 pin to adapt legacy to superseding keypad to DSP or vice versa



To Replace Legacy DSP	With FRU kits with superseding DSP, keypad cable 117810 & 117814 – dispose of unused cable. No keypad	With FRU kits with superseding DSP, keypad, keypad cable 117810, & mounting hardware
324739	330865	330855
324740	330866	330856
324792	330867	330857
325196	330868	330858
326243	330869	330859
326756	330870	330860

Parallel I/O (PIO) Boards & Cables

Parallel I/O Boards	Legacy (<Jan 2022) 2400 Series i/o boards	Interim Q1 & Q2 2022 2400 Series i/o boards	Superseding (Q2 & Q3 2022) 2400 Series i/o boards
	50 pin legacy format	50 pin legacy format	50 pin Samtec® format
S-2000 DSP PIO E_0 32BIT 75-600HP (large frame size)	319437	319437	319437.100
S-2000 DSP PIO E_0 16BIT	320102	320102	320102.100
S-2000 DSP PIO E_0 32BIT 1-60HP (small frame size)	320146	320146	320146.100

I/O Cables

10 inch / 50 pin legacy connectors	109215	109215	Not Applicable
20 inch / 50 pin legacy connectors	111774	111774	Not Applicable
40 inch / 50 pin legacy connectors	114064	114064	Not Applicable
10 inch / 50 pin Samtec® connectors	Not Applicable	Not Applicable	117811
20 inch / 50 pin Samtec® connectors	Not Applicable	Not Applicable	117812
40 inch / 50 pin Samtec® connectors	Not Applicable	Not Applicable	117813

Cross-Over I/O Cables - connect either way

I/O 11 inches 50 pin legacy to 50 pin Samtec®	117815	117815	117815
I/O 21 inches 50 pin legacy to 50 pin Samtec®	117816	117816	117816
I/O 40 inches 50 pin legacy to 50 pin Samtec®	117817	117817	117817