

Prepared Mikica B Kocic	Subject Responsible MBK	Document Identity df7c3622-1276-4a3d-a3b5-10533afc132c
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IPTC DDTS Mona – Keyboard Interface Description

DDTS Mona I/O Interface Connector Pinout

Internal Scan Codes

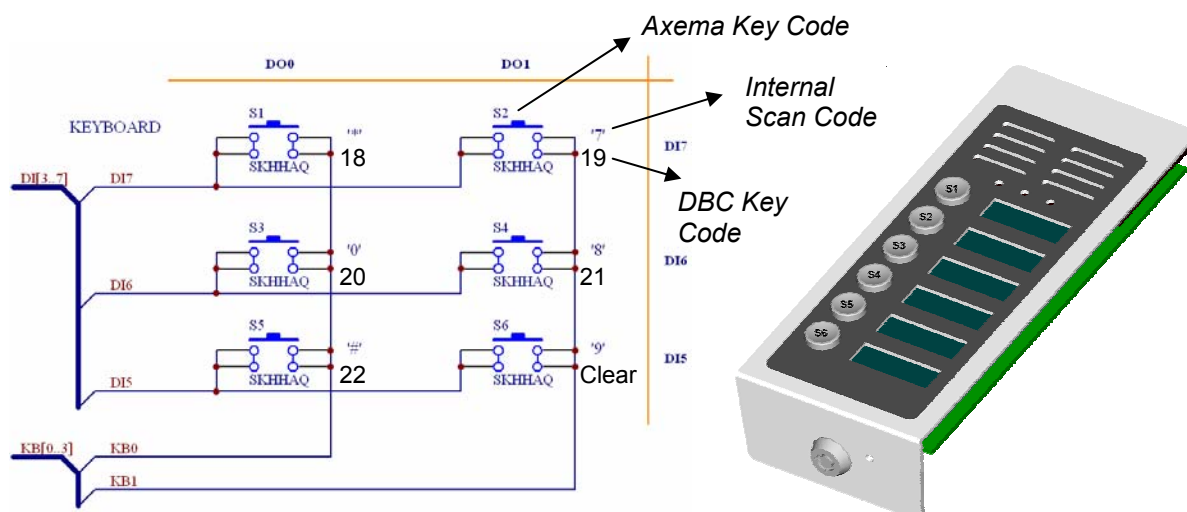
DI7	DI6	DI5	DI4	DI3	
*	0	#	D	G	KB0
7	8	9	C	F	KB1
4	5	6	B	E	KB2
1	2	3	A	D	KB3

DI 4	2	○	□	1	GND
DI 3	4	○	○	3	GND
DI 2	6	○	○	5	GND
DI 1	8	○	○	7	+5V
DI 0	10	○	○	9	+5V
DO 7	12	○	○	11	LED 3
DO 6	14	○	○	13	LED 2
DO 5	16	○	○	15	LED 1
DO 4	18	○	○	17	LED 0
DO 3	20	○	○	19	KB 3
DO 2	22	○	○	21	KB 2
DO 1	24	○	○	23	KB 1
DO 0	26	○	○	25	KB 0

Internal Scan Codes Mapped to DBC Key Codes

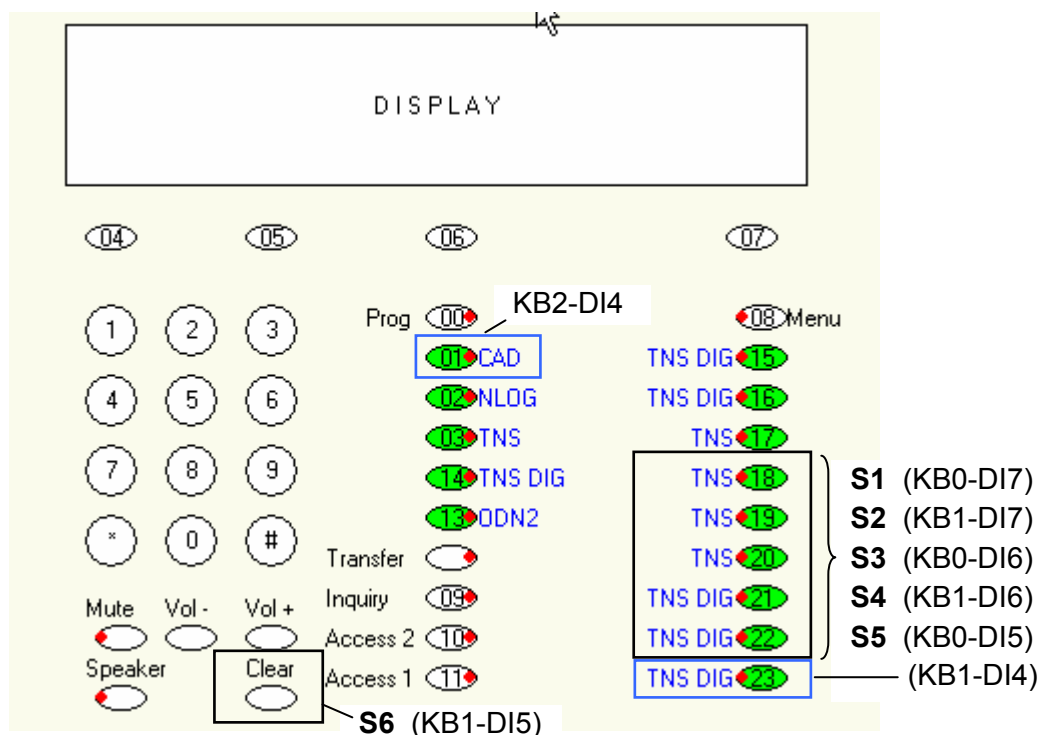
AXEMA Key	Scan Code	DBC Key Type	DBC Key Code hex	dec	Crossconnected Pins
S1	*	PRGFN	0x12	18	KB0 – DI7
S2	7	PRGFN	0x13	19	KB1 – DI7
S3	0	PRGFN	0x14	20	KB0 – DI6
S4	8	PRGFN	0x15	21	KB1 – DI6
S5	#	PRGFN	0x16	22	KB0 – DI5
S6	9	FIXFN	0x0D	clear	KB1 – DI5
	B	PRGFN	0x01	1	KB2 – DI4
	C	PRGFN	0x17	23	KB1 – DI4

Axema Keyboard Crossconnect Schematic Diagram



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DBC213 Keyboard Mapping



DBC Key Type	DBC Key hex	DBC Key Code dec	AXEMA Key	Crossconnected Pins
PRGFN	0x12	18	S1	KB0 – DI7
PRGFN	0x13	19	S2	KB1 – DI7
PRGFN	0x14	20	S3	KB0 – DI6
PRGFN	0x15	21	S4	KB1 – DI6
PRGFN	0x16	22	S5	KB0 – DI5
FIXFN	0x0D	clear	S6	KB1 – DI5
PRGFN	0x01	1		KB2 – DI4
PRGFN	0x17	23		KB1 – DI4