



NOTES

- THERE ARE VARIOUS OPTIONS OF MEMORY DEVICE TYPE. EXPECTED ONES ARE SHOWN WITH THEIR LINK CONFIGURATIONS IN THE ADJACENT TABLE.
- THE MEMORY IC PIN NUMBERS IN BRACKETS ARE FOR 28 PIN DEVICES.
- WHEN FITTING 28 PIN DEVICES INTO 32 PIN SOCKETS THE BOTTOM OF THE DEVICE MUST ALIGN WITH THE BOTTOM OF THE SOCKET.
- LK8 WOULD ONLY BE FITTED IN POSITION 1-2 IF AN ENLARGED MEMORY SPACE WAS REQUIRED. EG. 256KBYTE EPROM IN U2. (NON DEFAULT POSITION)
- 6264 HAS CS* ON PIN 26 (A13) SO ONLY WORKS IN EVERY SECOND 8K BLOCK.

MEMORY OPTIONS IN U2 EPROM/FLASH

DEVICE	PINS	LK13	LK22
EPROM			
27C512	28	1-2	1-2
27C010	32	1-2	1-2
27C020	32	2-3	1-2
FLASH			
*010	32	1-2	1-2
*020	32	2-3	1-2
*040	32	2-3	2-3

MEMORY OPTIONS IN U3 EEPROM/FLASH

DEVICE	PINS	LK1	LK4	LK5	LK23
EEPROM					
28C64	28	NF	NF	NF	1-2
28C256	28	1-2	1-2	NF	1-2
28C010	32	2-3	2-3	1-2	1-2
FLASH					
*010	32	2-3	2-3	2-3	1-2
*020	32	2-3	2-3	2-3	1-2
*040 - AS *020.					ONLY HALF VISIBLE.

FLASH CHIPS U2/U3

*010	=	29C010, 29F010, 39SF010
*020	=	29C020, 29F020, 39SF020
*040	=	29C040, 29F040, 39SF040

RAM ONLY IN U4

DEVICE	PINS	LK21	LK24
6264	28	(SEE NOTE 5)	1-2
62256	28	1-2	1-2
628128	32	1-2	1-2
628512	32	2-3	2-3

NF = NOT FITTED

F3200 CONTROLLER VERSIONS

VERSION	PA No	DESCRIPTION	RZDU COMMS	DUART & SPARE IO	RAM	EEPROM
1931-84-1	PA0797	FIP CONTROLLER / DISPLAY	MASTER	U13-NF	32K	8K
1931-84-2	PA0798	RZDU CONTROLLER / DISPLAY	MASTER	U13-NF	32K	32K
1931-84-3	PA0799	PROTOCOL TRANSLATION MOD.	MASTER	FITTED	128K	32K

UNLESS OTHERWISE STATED:
ALL RESISTANCE IN OHMS
ALL RESISTORS 1/4W, 5%
ALL CAPACITANCE IN FARADS

1931084.S02
Sheet 2

PA0797
PA0798
PA0799

26-Jun-2002
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ISS/REV	AMENDMENTS	ECO	DRN	CHKD	AUTH	APVD	DATE
3	C86 & C89 WERE 100N MONO. R80 WAS 1M.						2014
4	CHANGES TO SHEET 2 ONLY.						2086
4.1	LINK POSITION NUMBERING ADDED TO LK1.4-6.13						2086
5	U8 WAS TYPE 74HC139. MEMORY SELECTOR LINKS & OPTION TABLES REVISED. (LK3 & 6 DELETED. LK20-24 ADDED. J27 & R119, L20, L24, L25, D22 & D23 ADDED. LK16 & R118 ADDED.)						3229

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F3200 CONTROLLER BOARD CIRCUIT DIAGRAM

DRAWING No: **1931-84** SHEET **1** of **2**

A1 ISS/REV **5** PART No: **SEE ABOVE**