

***NSGDatacom***



**Mark II Cable and Jack  
Pin-outs**

# EIA ( V.24 ) CIRCUIT TO MARK II

<b>EIA CIRCUIT</b>	<b>MARK II CIRCUIT</b>	<b>EIA CIRCUIT</b>	<b>MARK II CIRCUIT</b>
<b>14</b>	<b>1</b>	<b>2</b>	<b>A</b>
<b>15</b>	<b>2</b>	<b>3</b>	<b>B</b>
<b>16</b>	<b>3</b>	<b>4</b>	<b>C</b>
<b>17</b>	<b>4</b>	<b>5</b>	<b>D</b>
<b>18</b>	<b>5</b>	<b>6</b>	<b>E</b>
<b>19</b>	<b>6</b>	<b>7</b>	<b>F</b>
<b>20</b>	<b>7</b>	<b>8</b>	<b>H</b>
<b>21</b>	<b>8</b>	<b>9</b>	<b>J</b>
<b>22</b>	<b>9</b>	<b>10</b>	<b>K</b>
<b>23</b>	<b>10</b>	<b>11</b>	<b>L</b>
<b>24</b>	<b>11</b>	<b>12</b>	<b>M</b>
<b>25</b>	<b>12</b>	<b>13</b>	<b>N</b>

# X.21 CIRCUIT TO MARK II

<b>X.21 CIRCUIT</b>	<b>MARK II CIRCUIT</b>	<b>X.21 CIRCUIT</b>	<b>MARK II CIRCUIT</b>
<b>9</b>	<b>1</b>	<b>2</b>	<b>A</b>
<b>10</b>	<b>2</b>	<b>3</b>	<b>B</b>
<b>11</b>	<b>3</b>	<b>4</b>	<b>C</b>
<b>12</b>	<b>4</b>	<b>5</b>	<b>D</b>
<b>13</b>	<b>5</b>	<b>6</b>	<b>E</b>
<b>14</b>	<b>6</b>	<b>7</b>	<b>F</b>
<b>15</b>	<b>7</b>	<b>8</b>	<b>H</b>
<b>-</b>	<b>8</b>	<b>-</b>	<b>J</b>
<b>-</b>	<b>9</b>	<b>-</b>	<b>K</b>
<b>-</b>	<b>10</b>	<b>-</b>	<b>L</b>
<b>-</b>	<b>11</b>	<b>-</b>	<b>M</b>
<b>-</b>	<b>12</b>	<b>-</b>	<b>N</b>

# V35U CIRCUIT TO MARK II

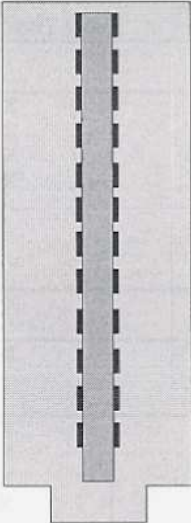
<b>V35U CIRCUIT</b>	<b>MARK II CIRCUIT</b>	<b>V35U CIRCUIT</b>	<b>MARK II CIRCUIT</b>
-	1	-	A
-	2	-	B
-	3	C	C
HH	4	D	D
Y	5	E	E
W	6	B	F
U	7	F	H
AA	8	R	J
H	9	T	K
V	10	P	L
-	11	S	M
X	12	J	N

# V35E CIRCUIT TO MARK II

<b>V35E CIRCUIT</b>	<b>MARK II CIRCUIT</b>	<b>V35E CIRCUIT</b>	<b>MARK II CIRCUIT</b>
<b>U</b>	<b>1</b>	<b>P</b>	<b>A</b>
<b>S</b>	<b>2</b>	<b>R</b>	<b>B</b>
<b>W</b>	<b>3</b>	<b>C</b>	<b>C</b>
<b>-</b>	<b>4</b>	<b>D</b>	<b>D</b>
<b>-</b>	<b>5</b>	<b>E</b>	<b>E</b>
<b>-</b>	<b>6</b>	<b>B</b>	<b>F</b>
<b>H</b>	<b>7</b>	<b>F</b>	<b>H</b>
<b>-</b>	<b>8</b>	<b>T</b>	<b>J</b>
<b>J</b>	<b>9</b>	<b>V</b>	<b>K</b>
<b>-</b>	<b>10</b>	<b>X</b>	<b>L</b>
<b>-</b>	<b>11</b>	<b>Y</b>	<b>M</b>
<b>-</b>	<b>12</b>	<b>AA</b>	<b>N</b>

# MARK II PIN CONNECTIONS

EPC PIN CONNECTIONS

V35U	V35E	X21	V24	EPC Patch Jack	V24	X21	V35E	V35U
	U	9	14		2	2	P	
	S	10	15		3	3	R	
	W	11	16		4	4	C	C
HH		12	17		5	5	D	D
Y		13	18		6	6	E	E
W		14	19		7	7	B	B
U	H	15	20		8	8	F	F
AA			21		9		T	R
H	J		22		10		V	T
V			23		11		X	P
			24		12		Y	S
X			25		13		AA	J

The view of the EPC Jack depicted is in the sense of looking directly into the jack hole from the front of the equipment. The PCB along the centre of the jack hole is illustrated, with the width of its gold contacts exaggerated for clarity.