

TEXT CORRECTION

Section 1 Characteristics

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ADD: the following information to the end of the present text:

| Characteristic | | Performance Requirement | |
|---------------------|---|--|--|
| J 101 From Type 568 | | <u>True</u> | <u>False</u> |
| <u>Pin</u> | <u>Indicates</u> | | |
| 1 | Decimal 2 | $\leq +2 \text{ V}, \leq 2.8 \text{ mA}$ | $\geq +6 \text{ V}, \geq 0.0 \text{ mA}$ |
| 2 | Decimal 3 | $\leq +2 \text{ V}, \leq 3 \text{ mA}$ | $\geq +6 \text{ V}, \geq -0.15 \text{ mA}$ |
| 3 | Decimal 4 | | |
| 4 | Not Used | | |
| 5 | Not Used | | |
| 6 | Letter V | $\leq +2 \text{ V}, \leq 1.5 \text{ mA}$ | $\geq +6 \text{ V}, \geq -0.15 \text{ mA}$ |
| 7 | Letter m | | |
| 9 | Letter μ | | |
| 10 | Letter n | $\leq +2 \text{ V}, \leq 1.5 \text{ mA}$ | $\geq +6 \text{ V}, \geq -0.15 \text{ mA}$ |
| 11 | Ch A Signal In | 1 V/div $\pm 3\%$ at +10 V center screen. $Z_{in} \geq 10 \text{ k}\Omega$ | |
| 12 | A Signal Shield | | |
| 13 | not used | | |
| 14 | 3T4 Speed up | $\geq +1 \text{ V}$ at $\leq 2.5 \text{ mA}$ | $\geq -11 \text{ V}$ at $68 \text{ k}\Omega \pm 10\%$ |
| 15 | 3T4 Single Sweep | | |
| 16 | Chop/Alternate | $\geq -1.0 \text{ V}$ low to $\geq 1.0 \text{ V}$ high, $\leq 1 \text{ k}\Omega$ | |
| 17 | CRT Intensity (output) | $\geq +0.8 \text{ V}$ at $270 \Omega \pm 10\%$ | $\leq 0.2 \text{ V}$ at $270 \Omega \pm 10\%$ |
| 18 | Ground | | |
| 19 | Ground | | |
| 20 | Sweep | 5 V/div $\pm 3\%$ starting at 0 V $\pm 0.5 \text{ V}$ | |
| 21 | Sweep Gate | $\geq +1.0 \text{ V}$ at $3 \text{ k}\Omega \pm 5\%$ | $\geq -0.5 \text{ V}$ at $3 \text{ k}\Omega \pm 5\%$ |
| 22 | 10 MHz | $\geq -9.3 \text{ V}, 0.17 \text{ mA}$ | $\leq -3.1 \text{ V}, 0.06 \text{ mA}$ |
| 23 | Ch B Signal In | 1 V/div $\pm 3\%$ +10 V center screen. $Z_{in} \geq 10 \text{ k}\Omega$ | |
| 24 | B Signal Shield | | |
| 25 | Horiz Decimal Units, Common | $\geq -.25 \text{ V}$ at $\leq 5 \text{ mA}$ | $\geq +23 \text{ V}$ at $235 \text{ k}\Omega \pm 10\%$ |
| 26 | A $\div 1,2,5$ | $\geq -2.5 \text{ V}$ at $\leq 5 \text{ mA}$ | +12 V at $24 \text{ k}\Omega \pm 10\%$ |
| 27 | B $\div 1,2,5$ | | |
| 28 | A Decimal Units Common | $\geq -3.0 \text{ V}$ at $\leq 5 \text{ mA}$ | +12 V at $24 \text{ k}\Omega \pm 10\%$ |
| 29 | B Decimal Units Common | | |
| 30 | Horiz $\div 2$ | $\leq +2 \text{ V}, \leq 2.4 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.5 \text{ mA}$ |
| 31 | Horiz $\div 5$ | $\leq +2 \text{ V}, \leq 0.4 \text{ mA}$ | $\geq +6 \text{ V}, 0.0 \text{ mA}$ |
| 32 | Vert $\div 1$ | $\leq +2 \text{ V}, \leq 2.4 \text{ mA}$ | $\geq +6 \text{ V}, 0.0 \text{ mA}$ |
| 33 | Vert $\div 2$ | $\leq +2 \text{ V}, \leq 1.4 \text{ mA}$ | $\geq +6 \text{ V}, 0.0 \text{ mA}$ |
| 34 | Vert $\div 5$ | $\leq +2 \text{ V}, \leq 5.5 \text{ mA}$ | $\geq +6 \text{ V}, 0.0 \text{ mA}$ |
| 35 | Sweep Clock Risetime/Falltime Frequency Pulse Width Amplitude | $\leq 150 \text{ ns}$ $\leq 1 \text{ MHz}$ 0.7 μs to 1.3 μs $\geq -0.5 \text{ V}$ to +1 V at $\geq 0.5 \text{ mA}$ | $\geq 0.5 \text{ mA}$ |
| 36 | Clock Shield | | |

| Characteristic | | Performance Requirement | |
|------------------------------|---------------------|---|---|
| J 201 Reference Zone Program | | <u>True</u> | <u>False</u> |
| <u>Pin</u> | <u>Program</u> | | |
| 1 | A 0% Position 8 | $\leq +2 \text{ V}, \leq 2.3 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.25 \text{ mA}$ |
| 2 | A 0% Position 4 | | |
| 3 | A 0% Position 2 | $\leq +2 \text{ V}, \leq 2.1 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.1 \text{ mA}$ |
| 4 | A 0% Position 1 | | |
| 5 | A 0% Position 0.5 | | |
| 6 | A 0% Width 4 | $\leq +2 \text{ V}, \leq 0.7 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.1 \text{ mA}$ |
| 7 | A 0% Width 2 | | |
| 8 | External Volts | $\leq +2 \text{ V}, \leq 6 \text{ mA}$ | $\geq +6 \text{ V}, \leq 2.9 \text{ mA}$ |
| 9 | A 100% Position 8 | $\leq +2 \text{ V}, \leq 2.3 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.25 \text{ mA}$ |
| 10 | A 100% Position 4 | | |
| 11 | A 100% Position 2 | $\leq +2 \text{ V}, \leq 2.1 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.1 \text{ mA}$ |
| 12 | A 100% Position 1 | | |
| 13 | A 100% Position 0.5 | | |
| 14 | A 100% Width 4 | $\leq +2 \text{ V}, \leq 0.7 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.1 \text{ mA}$ |
| 15 | A 100% Width 2 | | |
| 16 | A Chopped | $\leq +2 \text{ V}, \leq 0.4 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.1 \text{ mA}$ |
| 17 | Program Common | | |
| 18 | Program Common | | |
| 19 | B 0% Position 8 | $\leq +2 \text{ V}, \leq 2.3 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.25 \text{ mA}$ |
| 20 | B 0% Position 4 | | |
| 21 | B 0% Position 2 | $\leq +2 \text{ V}, \leq 2.1 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.1 \text{ mA}$ |
| 22 | B 0% Position 1 | | |
| 23 | B 0% Position 0.5 | | |
| 24 | B 0% Width 4 | $\leq +2 \text{ V}, \leq 0.7 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.1 \text{ mA}$ |
| 25 | B 0% Width 2 | | |
| 26 | Measurement Average | $\leq +2 \text{ V}, \leq 3.7 \text{ mA}$ | $\geq +6 \text{ V}, \geq -2.4 \text{ mA}$ |
| 27 | B 100% Position 8 | $\leq +2 \text{ V}, \leq 2.3 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.25 \text{ mA}$ |
| 28 | B 100% Position 4 | | |
| 29 | B 100% Position 2 | $\leq +2 \text{ V}, \leq 2.1 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.1 \text{ mA}$ |
| 30 | B 100% Position 1 | | |
| 31 | B 100% Position 0.5 | | |
| 32 | B 100% Width 4 | $\leq +2 \text{ V}, \leq 0.7 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.1 \text{ mA}$ |
| 33 | B 100% Width 2 | | |
| 34 | B Chopped | $\leq +2 \text{ V}, \leq 0.4 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.03 \text{ mA}$ |
| 35 | Program Common | $\leq +24 \text{ V}, \leq 500 \text{ mA}$ | |
| 36 | Program Common | | |

| Characteristic | | Performance Requirement | |
|------------------------------|---------------------|---|---|
| J 201 Reference Zone Program | | <u>True</u> | <u>False</u> |
| <u>Pin</u> | <u>Program</u> | | |
| 1 | A 0% Position 8 | $\leq +2 \text{ V}, \leq 2.3 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.25 \text{ mA}$ |
| 2 | A 0% Position 4 | | |
| 3 | A 0% Position 2 | $\leq +2 \text{ V}, \leq 2.1 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.1 \text{ mA}$ |
| 4 | A 0% Position 1 | | |
| 5 | A 0% Position 0.5 | | |
| 6 | A 0% Width 4 | $\leq +2 \text{ V}, \leq 0.7 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.1 \text{ mA}$ |
| 7 | A 0% Width 2 | | |
| 8 | External Volts | $\leq +2 \text{ V}, \leq 6 \text{ mA}$ | $\geq +6 \text{ V}, \leq 2.9 \text{ mA}$ |
| 9 | A 100% Position 8 | $\leq +2 \text{ V}, \leq 2.3 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.25 \text{ mA}$ |
| 10 | A 100% Position 4 | | |
| 11 | A 100% Position 2 | $\leq +2 \text{ V}, \leq 2.1 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.1 \text{ mA}$ |
| 12 | A 100% Position 1 | | |
| 13 | A 100% Position 0.5 | | |
| 14 | A 100% Width 4 | $\leq +2 \text{ V}, \leq 0.7 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.1 \text{ mA}$ |
| 15 | A 100% Width 2 | | |
| 16 | A Chopped | $\leq +2 \text{ V}, \leq 0.4 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.1 \text{ mA}$ |
| 17 | Program Common | | |
| 18 | Program Common | | |
| 19 | B 0% Position 8 | $\leq +2 \text{ V}, \leq 2.3 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.25 \text{ mA}$ |
| 20 | B 0% Position 4 | | |
| 21 | B 0% Position 2 | $\leq +2 \text{ V}, \leq 2.1 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.1 \text{ mA}$ |
| 22 | B 0% Position 1 | | |
| 23 | B 0% Position 0.5 | | |
| 24 | B 0% Width 4 | $\leq +2 \text{ V}, \leq 0.7 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.1 \text{ mA}$ |
| 25 | B 0% Width 2 | | |
| 26 | Measurement Average | $\leq +2 \text{ V}, \leq 3.7 \text{ mA}$ | $\geq +6 \text{ V}, \geq -2.4 \text{ mA}$ |
| 27 | B 100% Position 8 | $\leq +2 \text{ V}, \leq 2.3 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.25 \text{ mA}$ |
| 28 | B 100% Position 4 | | |
| 29 | B 100% Position 2 | $\leq +2 \text{ V}, \leq 2.1 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.1 \text{ mA}$ |
| 30 | B 100% Position 1 | | |
| 31 | B 100% Position 0.5 | | |
| 32 | B 100% Width 4 | $\leq +2 \text{ V}, \leq 0.7 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.1 \text{ mA}$ |
| 33 | B 100% Width 2 | | |
| 34 | B Chopped | $\leq +2 \text{ V}, \leq 0.4 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.03 \text{ mA}$ |
| 35 | Program Common | $\leq +24 \text{ V}, \leq 500 \text{ mA}$ | |
| 36 | Program Common | | |

| Characteristic | | Performance Requirement | |
|--------------------------|----------------------------------|--|---|
| | | True | False |
| J 202 Comparator Program | | | |
| Pin | Program | | |
| 1 | Start B Channel | $\leq +2 \text{ V}, \leq 7.1 \text{ mA}$ | $\geq +6 \text{ V}, \leq 2.9 \text{ mA}$ |
| 2 | Start HORIZ mm | $\leq +2 \text{ V}, \leq 4 \text{ mA}$ | $\geq +6 \text{ V}, \leq 2.7 \text{ mA}$ |
| 3 | Start Percent Between | $\leq +2 \text{ V}, \leq 5.9 \text{ mA}$ | $\geq +6 \text{ V}, \leq 2.9 \text{ mA}$ |
| 4 | Start mm BELOW Reference Zone | $\leq +2 \text{ V}, \leq 2.9 \text{ mA}$ | $\geq +6 \text{ V}, \leq 3.7 \text{ mA}$ |
| 5 | Start Offset from 100% | $\leq +2 \text{ V}, \leq 3.7 \text{ mA}$ | $\geq +6 \text{ V}, \leq 2.9 \text{ mA}$ |
| 6 | Start Minus Slope | $\leq +2 \text{ V}, \leq 1.4 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.8 \text{ mA}$ |
| 7 | Start Second Slope | | |
| 8 | Counter Reset Inhibit | $\leq +2 \text{ V}, \leq 2.5 \text{ mA}$ | $\geq +6 \text{ V}, \geq -0.5 \text{ mA}$ |
| 9 | Start Offset 80 | $\leq +2 \text{ V}, \leq 1.3 \text{ mA}$ | $\geq +6 \text{ V}, \geq -0.1 \text{ mA}$ |
| 10 | Start Offset 40 | | |
| 11 | Start Offset 20 | | |
| 12 | Start Offset 10 | | |
| 13 | Start Offset 8 | $\leq +2 \text{ V}, \leq 3.7 \text{ mA}$ | $\geq +6 \text{ V}, 0.0 \text{ mA}$ |
| 14 | Start Offset 4 | $\leq +2 \text{ V}, \leq 1.3 \text{ mA}$ | $\geq +6 \text{ V}, \geq -0.1 \text{ mA}$ |
| 15 | Start Offset 2 | | |
| 16 | Start Offset 1 | | |
| 17 | Program Common | | |
| 18 | Program Common | | |
| 19 | Stop B Channel | $\leq +2 \text{ V}, \leq 7.1 \text{ mA}$ | $\geq +6 \text{ V}, \leq 2.9 \text{ mA}$ |
| 20 | Stop HORIZ mm | $\leq +2 \text{ V}, \leq 4.0 \text{ mA}$ | $\geq +6 \text{ V}, \leq 2.7 \text{ mA}$ |
| 21 | Stop Percent Between | $\leq +2 \text{ V}, \leq 5.9 \text{ mA}$ | $\geq +6 \text{ V}, \leq 2.9 \text{ mA}$ |
| 22 | Stop mm BELOW Reference Zone | $\leq +2 \text{ V}, \leq 4.9 \text{ mA}$ | $\geq +6 \text{ V}, \leq 3.7 \text{ mA}$ |
| 23 | Stop Offset from 100% | $\leq +2 \text{ V}, \leq 3.7 \text{ mA}$ | $\geq +6 \text{ V}, \leq 2.9 \text{ mA}$ |
| 24 | Stop Minus Slope | $\leq +2 \text{ V}, \leq 1.4 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.8 \text{ mA}$ |
| 25 | Stop Second Slope | | |
| 26 | External Scale | $\leq +2 \text{ V}, \leq 1.4 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.1 \text{ mA}$ |
| 27 | Stop Offset 80 | $\leq +2 \text{ V}, \leq 1.3 \text{ mA}$ | $\geq +6 \text{ V}, \geq -0.1 \text{ mA}$ |
| 28 | Stop Offset 40 | | |
| 29 | Stop Offset 20 | | |
| 30 | Stop Offset 10 | | |
| 31 | Stop Offset 8 | $\leq +2 \text{ V}, \leq 3.7 \text{ mA}$ | $\geq +6 \text{ V}, 0.0 \text{ mA}$ |
| 32 | Stop Offset 4 | $\leq +2 \text{ V}, \leq 1.3 \text{ mA}$ | $\geq +6 \text{ V}, \geq -0.1 \text{ mA}$ |
| 33 | Stop Offset 2 | | |
| 34 | Stop Offset 1 | | |
| 35 | Program Common | | |
| 36 | Program Common | | |

| Characteristic | | Performance Requirement | |
|---------------------|----------------|--|---|
| J 203 Limit Program | | <u>True</u> | <u>False</u> |
| <u>Pin</u> | <u>Program</u> | | |
| 1 | External ÷ 2 | $\leq +2 \text{ V}, \leq 2.4 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.5 \text{ mA}$ |
| 2 | Upper Minus | $\leq +2 \text{ V}, \leq 1.9 \text{ mA}$ | $\geq +6 \text{ V}, 0.0 \text{ mA}$ |
| 4 | Upper 1000 | | |
| 6 | Upper 400 | | |
| 8 | Upper 100 | | |
| 10 | Upper 40 | | |
| 12 | Upper 10 | | |
| 14 | Upper 4 | | |
| 16 | Upper 1 | | |
| 3 | Upper 2000 | $\leq +2 \text{ V}, \leq 1.2 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.5 \text{ mA}$ |
| 5 | Upper 800 | | |
| 7 | Upper 200 | | |
| 9 | Upper 80 | | |
| 11 | Upper 20 | | |
| 13 | Upper 8 | | |
| 15 | Upper 2 | | |
| 17 | Program Common | | |
| 18 | Program Common | | |
| 19 | Ext ÷ 5 | $\leq +2 \text{ V}, \leq 0.4 \text{ mA}$ | $\geq +6 \text{ V}, \geq -0.4 \text{ mA}$ |
| 20 | Lower Minus | $\leq +2 \text{ V}, \leq 1.0 \text{ mA}$ | $\geq +6 \text{ V}, 0.0 \text{ mA}$ |
| 21 | Lower 2000 | $\leq +2 \text{ V}, \leq 1.2 \text{ mA}$ | $\geq +6 \text{ V}, \leq 0.5 \text{ mA}$ |
| 23 | Lower 800 | | |
| 25 | Lower 200 | | |
| 27 | Lower 80 | | |
| 29 | Lower 20 | | |
| 31 | Lower 8 | | |
| 33 | Lower 2 | | |
| 22 | Lower 1000 | $\leq +2 \text{ V}, \leq 1.9 \text{ mA}$ | $\geq +6 \text{ V}, 0.0 \text{ mA}$ |
| 24 | Lower 400 | | |
| 26 | Lower 100 | | |
| 28 | Lower 40 | | |
| 30 | Lower 10 | | |
| 32 | Lower 4 | $\leq +2 \text{ V}, \leq 1.9 \text{ mA}$ | $\geq +6 \text{ V}, 0.0 \text{ mA}$ |
| 34 | Lower 1 | | |
| 35 | Lower 1 | | |
| 36 | Program Common | | |

| Characteristic | | Performance Requirement | |
|--|------------------|------------------------------|--|
| J 204 Miscellaneous Inputs and Outputs | | True | False |
| Pin | Indicates | | |
| 1 | Print Command | $\leq +2$ V, at ≤ 20 mA | +12 V at 3 k Ω $\pm 10\%$ |
| 2 | External Hold | | |
| | Hold | $\leq +2$ V, ≤ 6 mA | |
| | Release | $\geq +7$ V, ≤ 2.4 mA | |
| 3 | Red Light | $\leq +2$ V at ≤ 20 mA | $\geq +10$ V at ≤ 100 Ω |
| 4 | Green Light | | |
| 5 | Yellow Light | | |
| 6 | + Trigger | | |
| | Risetime | ≤ 1 μ s | |
| | Amplitude | ≥ 3 V (positive step) | |
| 7 | - Trigger | | |
| | Risetime | ≤ 1 μ s | |
| | Amplitude | ≥ 3 V (negative step) | |
| 8 | Program 3T4 H.S. | $\leq +2$ V, ≤ 4.4 mA | $\geq +6$ V, ≥ -1.7 mA |
| 9 | 3T4 Speed Up | $\geq +1$ V, ≤ 2.5 mA | ≥ -11 V at 68 k Ω $\pm 10\%$ |
| 10 | 3T4 Single Sweep | | |
| 11 | A Chopper Drive | $\leq +1$ V, ≤ 20 mA | +12 V at 12 k Ω $\pm 10\%$ |
| 12 | B Chopper Drive | | |
| 13 | Ext Decimal 2 | $\leq +2$ V, ≤ 2.8 mA | $\geq +6$ V, 0.0 mA |
| 14 | Ext Decimal 3 | $\leq +2$ V, ≤ 1.5 mA | $\geq +6$ V, ≤ 0.05 mA |
| 15 | Ext Decimal 4 | | |
| 16 | not used | | |
| 17 | Ext Letter V | $\leq +2$ V, ≤ 1.5 mA | $\geq +6$ V, ≥ -0.14 mA |
| 18 | Ext Letter s | | |
| 19 | Ext Letter m | | |
| 20 | Ext Letter μ | | |
| 21 | Ext Letter n | | |
| 22 | +50 V | $\pm 1\%$ at ≤ 25 mA | |
| 23 | +12 V | $\pm 1\%$ at ≤ 350 mA | |
| 24 | +3.8 V | $\pm 1\%$ at ≤ 200 mA | |
| 25 | -50 V | $\pm 1\%$ at ≤ 25 mA | |
| 26 | not used | | |
| 27 | not used | | |
| 28 | not used | | |
| 29 | not used | | |
| 30 | not used | | |
| 31 | not used | | |
| 32 | not used | | |
| 33 | not used | | |
| 34 | not used | | |
| 35 | Program Common | | |
| 36 | Ground | | |

| Characteristic | | Performance Requirement | |
|-------------------------|--------------------|--|--|
| J 301 Readout Connector | | | |
| | | <u>True</u> | <u>False</u> |
| <u>Pin</u> | <u>Indicates</u> | | |
| 1 | + | $\leq 2 \text{ V at } \leq 20 \text{ mA}$ | +12 V at 2.4 k Ω $\pm 10\%$ |
| 2 | - | | |
| 3 | 2000 | $\leq +2 \text{ V, } \leq +20 \text{ mA}$ | $\geq +12 \text{ V at } \leq 1 \text{ mA}$ |
| 4 | 1000 | | |
| 5 | 800 | | |
| 6 | 400 | | |
| 7 | 200 | | |
| 8 | 100 | | |
| 9 | 80 | | |
| 10 | 40 | | |
| 11 | 20 | | |
| 12 | 10 | | |
| 13 | 8 | | |
| 14 | 4 | | |
| 15 | 2 | $\leq +2 \text{ V, } \leq +20 \text{ mA}$ | $\geq +12 \text{ V at } \leq 1 \text{ mA}$ |
| 16 | 1 | | |
| 17 | not used | | |
| 18 | not used | | |
| 19 | X 10 ⁻¹ | $\leq +5 \text{ V at } \leq 1 \text{ mA}$ | +12 V at 120 k Ω $\pm 15\%$ |
| 20 | X 10 ⁻² | | |
| 21 | X 10 ⁻⁴ | | |
| 22 | V | $\leq 2 \text{ V at } \leq 20 \text{ mA}$ | +12 V at 2.4 k Ω $\pm 10\%$ |
| 23 | S | | |
| 24 | m | | |
| 25 | μ | | |
| 26 | n | | |
| 27 | Red | $\leq 2 \text{ V at } \leq 20 \text{ mA}$ | $\geq +10 \text{ V at } \leq 100 \Omega$ |
| 28 | Green | | |
| 29 | Yellow | | |
| 30 | External Hold | Hold $\leq +2 \text{ V at } \leq 6 \text{ mA}$, Release $\geq +7 \text{ V at } \leq 2.4 \text{ mA}$ | |
| 31 | Print Command | $\leq 2 \text{ V at } \leq 20 \text{ mA}$ | +12 V at 6.2 k Ω $\pm 5\%$ |
| 32 | not used | | |
| 33 | +12 V Out | $\pm 1\%$ at $\leq 350 \text{ mA}$ | Ripple $\leq 5 \text{ mV}$ |
| 34 | not used | | |
| 35 | not used | | |
| 36 | Ground | | |