



**Semelab**

**Power Management Division**

**MOTOR CONTROL ICs**

Type Number	Description	Temp. Range	Package
IP1M12J	100mA Dual H Bridge	-55°C to 125°C	14 Pin CERDIP
IP2M12J	100mA Dual H Bridge	-40°C to 85°C	14 Pin CERDIP
IP2M12N	100mA Dual H Bridge	-40°C to 85°C	14 Pin DIP
IP2M12D	100mA Dual H Bridge	-40°C to 85°C	14 Pin SOIC
IP3M12J	200mA Dual H Bridge	0°C to 70°C	14 Pin CERDIP
IP3M12N	200mA Dual H Bridge	0°C to 70°C	14 Pin DIP
IP3M12D	200mA Dual H Bridge	0°C to 70°C	14 Pin SOIC

Since the introduction of this range of linear ICs in 1993, SEMELAB has committed itself to improving the existing products and developing new products and package styles.

**POWER SUPPLY CONTROL ICs**

<b>PUSH PULL OUTPUT</b>				
PART NUMBER	OUTPUT RATING	MODE	FEATURES	PACKAGE TYPES
IP1P125 / IP3P125	35V / 100mA	Voltage	1% Ref. 100ns Dead Time	16 PIN DIP, 16 PIN SOIC
IP1524 / IP3524	40V / 50mA	Voltage	1% Ref.	16 PIN DIP, 16 PIN SOIC
IP1524B / IP3524B	60V / 200mA	Voltage	1% Ref.	16 PIN DIP, 16 PIN SOIC
IP1525A / IP3525A	35V / 100mA	Voltage	1% Ref. Improved UV Lockout	16 PIN DIP, 16 PIN SOIC
IP1527A / IP3527A	35V / 100mA	Voltage	Inverted Output 1525A	16 PIN DIP, 16 PIN SOIC
IP1526 / IP3526	35V / 100mA	Voltage	1% Ref.	18 PIN DIP, 18 PIN SOIC
IP1526A / IP3526A	35V / 100mA	Voltage	1% Ref. Improved 1526.	18 PIN DIP, 18 PIN SOIC
IP1846 / IP3846	30V / 200mA	Current	1% Bandgap reference	16 PIN DIP, 16 PIN SOIC
<b>SINGLE ENDED OUTPUT</b>				
PART NUMBER	OUTPUT RATING	MODE	FEATURES	PACKAGE TYPES
IP1842/3 / IP3842/3	30V / 200mA	Current	1% Ref.	8 PIN DIP, 8 / 14 PIN SOIC
IP1844/5 / IP3844/5	30V / 200mA	Current	1% Ref.	8 PIN DIP, 8 / 14 PIN SOIC
IP1842A/3A / IP3842A/3A	30V / 200mA	Current	OSC. Discharge	8 PIN DIP, 8 / 14 PIN SOIC
IP1844A/5A / IP3844A/5A	30V / 200mA	Current	Current Controlled.	8 PIN DIP, 8 / 14 PIN SOIC
IP1060 / IP5560	18V / 40mA	Voltage	2% Ref.	16 PIN DIP, 16 PIN SOIC
IP5561	18V / 40mA	Voltage	2% Ref.	8 PIN DIP, 8 PIN SOIC
<b>DC – DC CONVERTER</b>				
IP35063	40V / 1500mA	—	Uncommitted Output	8 PIN DIP, 8 PIN SOIC

\* CHECK WITH FACTORY ON AVAILABILITY OF INDUSTRIAL TEMPERATURE RANGE (-40°C TO 85°C)