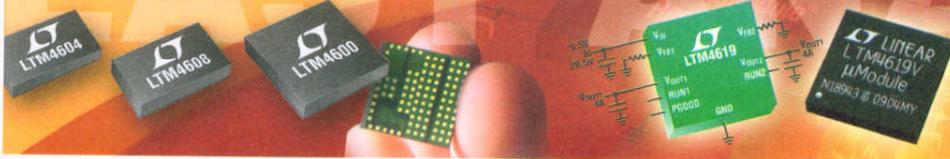


# Linear Technology $\mu$ Module<sup>®</sup> DC/DC Regulators



**LINEAR**  
TECHNOLOGY  
30 Years of Analog Excellence

$$\frac{(S-1)}{S(S+1)^2(S^2+1)} = \frac{A}{S} + \frac{B}{S+1} + \frac{C}{(S+1)^2} + \frac{DS+E}{S^2+1}$$

$$A = -1$$

$$B = 2$$

$$C = 0$$

$$D = -\frac{1}{2}$$

$$E = \frac{1}{2}$$