Canonical mass dimension of the various Green's functions in dimensional regularization

Starting with $[\phi] \equiv [\text{Energy}]^{1-\epsilon}$, and $G_c^{[n]}(x_1, \ldots x_n) = \langle 0 | T(\phi(x_1)\ldots\phi(x_n)) | 0 \rangle$
we have for the Bosonic Green's Functions

In $d = 4-2\epsilon$ dimensions.

Object	Mass Dimension
$\phi(x)$	$1-\epsilon$
$G_c^{[n]}(x_1, \ldots, x_n)$	$n(1-\epsilon)$
$\tilde{G}_c^{[n]}(p_1, \ldots, p_n)$	$n(-3+\epsilon)$
$G_c^{[n]}(p_1, \ldots, p_n)$	$(4-3n)+(n-2)\epsilon$
$\Gamma^{[n]}(x_1, \ldots, x_n)$	$n(3-\epsilon)$
$\tilde{\Gamma}^{[n]}(p_1, \ldots, p_n)$	$n(-1+\epsilon)$
$\Gamma^{[n]}(p_1, \ldots p_n) = -i\, G_{1PI}^{[n]}(p_1, \ldots p_n)$	$(4-n)+(-2+n)\epsilon$

$G_c^{[2]}(p,-p) = \dfrac{i}{p^2 - m^2 - \Sigma(p^2) + i\epsilon}$

$G_{1PI}^{[n]}(p_1, \ldots p_n)$ Quantity for which I know Feyn. Rules.

When calculating $\Gamma^{[n]}$ in Dim. Reg., pull $(-2+n)$ factors of μ^{ϵ} to the front. Keep all excess factors of μ^{ϵ} inside $\leftarrow$ these will turn into $\ln(\mu^2/\Delta^2)$ when the expansion around $\epsilon \approx 0$ is performed.

Object	Mass Dimension
$\mathcal{M}(p_1 p_2 \to p_3 \ldots p_n)$	$(4-n)+(-2+n)\epsilon$
$d(\text{LIPS})_{n-2}$	$2(-4+n)+(6-2n)\epsilon$
$(\text{Flux})_2$	2

Cross sec.

$$\sigma = \frac{1}{\text{Flux}} \underbrace{|\mathcal{M}|^2 \, d(\text{LIPS})}_{\substack{n\text{-dependence cancels.} \\ [\text{only } \epsilon \text{ remains}]}} \qquad -2+2\epsilon$$