$$\mathbf{A} * \mathbf{B} =$$
$$Map(\overrightarrow{rowA} \mapsto$$
$$Map(\overrightarrow{colB} \mapsto$$
$$DotProduct(\overrightarrow{rowA}, \overrightarrow{colB})$$
$$) \circ Transpose() \$ \mathbf{B}$$
$$) \$ \mathbf{A}$$

80 rewrites

$$(p239, p36 \mapsto$$
$$Join() \circ Map((p179 \mapsto$$
$$Transpose() \circ Join() \circ Map((p70 \mapsto$$
$$Transpose() \circ Join() \circ Map((p20 \mapsto$$
$$Transpose() \circ Map((p65 \mapsto$$
$$Transpose()(p65)$$
$$)) \circ Transpose()(p20)$$
$$)) \circ Transpose() \circ Reduce((p75, p0 \mapsto$$
$$Map((p164 \mapsto$$
$$Join() \circ Map((p81 \mapsto$$
$$Reduce((p136, p90 \mapsto$$
$$Map((p163 \mapsto$$
$$Get(0)(p163) + Get(1)(p163) * Get(1)(p90)$$
$$)) \circ Zip(2)(p136, Get(0)(p90))$$
$$))(Get(0)(p81), Zip(2)(Transpose() \circ Get(1)(p164), Get(1)(p81)))$$
$$)) \circ Zip(2)(Get(0)(p164), Get(1)(p0))$$
$$)) \circ Zip(2)(p75, Split(blockFactor) \circ Transpose() \circ Get(0)(p0))$$
$$))(Zip(2)(Split(sizeK) \circ Transpose()(p179), p70))$$
$$)) \circ Transpose() \circ Map((p4 \mapsto$$
$$Split(sizeN) \circ Transpose()(p4)$$
$$)) \circ Split(sizeK)(p36)$$
$$)) \circ Split(sizeM)(p239)$$