



$$\begin{aligned}
 \overline{RD11011} &= \overline{DXXX} \cdot \overline{A11} \cdot \overline{B02} \cdot \overline{BR/W} \cdot \overline{DEUSEL} \cdot \overline{INT} \\
 \overline{MPE} &= 0 \quad \text{TRISTATE} = \overline{RD11011} \\
 \overline{DBUFSEL} &= 0 \quad \text{TRISTATE} = \overline{RD11011} \vee \overline{DIXXR0} \vee \overline{DIXXWR} \\
 \overline{EXTSEL} &= \text{SAME AS } \overline{DBUFSEL} \\
 \overline{DIXXR0} &= \overline{DXXX} \cdot \overline{XIXX} \cdot \overline{B02} \cdot \overline{BR/W} \cdot \overline{EXTEN} \\
 \overline{DIXXWR} &= \overline{DXXX} \cdot \overline{XIXX} \cdot \overline{B02} \cdot \overline{BR/W} \cdot \overline{EXTEN} \\
 \overline{DIFFWR} &= \overline{DXXX} \cdot \overline{XIXX} \cdot \overline{XXFX} \cdot \overline{XXXF} \cdot \overline{B02} \cdot \overline{BR/W} \cdot \overline{EXTEN} \\
 \overline{DIFFRDINT} &= \overline{DXXX} \cdot \overline{XIXX} \cdot \overline{XXFX} \cdot \overline{XXXF} \cdot \overline{B02} \cdot \overline{BR/W} \cdot \overline{EXTEN}
 \end{aligned}$$

General Purpose I/F