

This timing diagram illustrates the temporal sequence of signal activity for numerous components of the `my_demux` system. The vertical axis lists the signals, and the horizontal axis represents time. The signals are color-coded: red, cyan, yellow, and black. Most signals exhibit periodic activity, while others are more sporadic or constant. Key signals include `Reset`, `my_demux.reset.B`, `my_demux.in.a`, `my_demux.in.v`, `my_demux.my_demux.c.f.buf[0]`, `my_demux.my_demux.c.t.buf[0]`, `my_demux.my_demux.c.v`, `my_demux.my_demux.en`, `my_demux.my_demux.en1.X.t[0]`, `my_demux.my_demux.en1.X.t[1]`, `my_demux.my_demux.en2.X.t[0]`, `my_demux.my_demux.en2.X.t[1]`, `my_demux.my_demux.in.c.v`, `my_demux.my_demux.in.v`, `my_demux.my_demux.out1.a.B`, `my_demux.my_demux.out1.a.BX.t[0]`, `my_demux.my_demux.out1.a.BX.t[1]`, `my_demux.my_demux.out2.a.B`, `my_demux.my_demux.out2.a.BX.t[0]`, `my_demux.my_demux.out2.a.BX.t[1]`, `my_demux.my_demux.out.v`, `my_demux.my_demux.reset.BX`, `my_demux.my_demux.reset.BXX[0]`, `my_demux.my_demux.c.but2.y`, `my_demux.my_demux.c.but2.y.in`, `my_demux.my_demux.c.but2.y.t`, `my_demux.my_demux.c.but2.y.t.in`, `my_demux.my_demux.c.el.y`, `my_demux.my_demux.c.t.or.y`, `my_demux.my_demux.in.v.but.y`, `my_demux.my_demux.in.ack.ctl.y`, `my_demux.my_demux.out1.a.B.buf.t.buf2.y`, `my_demux.my_demux.out1.a.B.buf.t.buf2.y.in`, `my_demux.my_demux.out1.en.buf.buf2.y`, `my_demux.my_demux.out1.f.buf.func[0].n1`, `my демux.my_demux.out1.f.buf.func[1].n1`, `my демux.my_demux.out1.f.buf.func[2].n1`, `my демux.my_demux.out1.f.buf.func[3].n1`, `my демux.my_demux.out1.f.buf.func[4].n1`, `my демux.my_demux.out1.f.buf.func[5].n1`, `my демux.my_demux.out1.f.buf.func[6].n1`, `my демux.my_demux.out1.t.buf.func[0].y`, `my демux.my_demux.out1.t.buf.func[1].y`, `my демux.my_demux.out1.t.buf.func[2].y`, `my демux.my_demux.out1.t.buf.func[3].y`, `my демux.my_demux.out1.t.buf.func[4].y`, `my демux.my_demux.out1.t.buf.func[5].y`, `my демux.my_demux.out1.t.buf.func[6].y`, `my демux.my_demux.out2.a.B.buf.t.buf2.y`, `my демux.my_demux.out2.a.B.buf.t.buf2.y.in`, `my демux.my_demux.out2.en.buf.buf2.y`, `my демux.my_demux.out2.f.buf.func[0].y`, `my демux.my демux.out2.f.buf.func[1].y`, `my демux.my демux.out2.f.buf.func[2].y`, `my демux.my демux.out2.f.buf.func[3].y`, `my демux.my демux.out2.f.buf.func[4].y`, `my демux.my демux.out2.f.buf.func[5].y`, `my демux.my демux.out2.f.buf.func[6].y`, `my демux.my демux.out2.t.buf.func[0].y`, `my демux.my демux.out2.t.buf.func[1].y`, `my демux.my демux.out2.t.buf.func[2].y`, `my демux.my демux.out2.t.buf.func[3].y`, `my демux.my демux.out2.t.buf.func[4].y`, `my демux.my демux.out2.t.buf.func[5].y`, `my демux.my демux.out2.t.buf.func[6].y`, `my демux.my демux.out.or.y`, `my демux.my демux.reset.buf.array.buf4.y`, `my демux.my демux.reset.bufarray.buf4.y`, `my демux.my демux.vc.C2Eis[0].y`, `my демux.my демux.vc.C2Eis[1].y`, `my демux.my демux.vc.C3Eis[0].y`, `my демux.my демux.vc.C3Eis[1].y`, `my демux.my демux.vc.OR2.t[0].y`, `my демux.my демux.vc.OR2.t[1].y`, `my демux.my демux.vc.OR2.t[2].y`, `my демux.my демux.vc.OR2.t[3].y`, `my демux.my демux.vc.OR2.t[4].y`, `my демux.my демux.vc.OR2.t[5].y`, `my демux.my демux.vc.OR2.t[6].y`, `my демux.my демux.vc.tmp[0]`, `my демux.my демux.vc.tmp[1]`, `my демux.my демux.vc.tmp[2]`, `my демux.my демux.vc.tmp[3]`, `my демux.my демux.vc.tmp[4]`, `my демux.my демux.vc.tmp[5]`, `my демux.my демux.vc.tmp[6]`, `my демux.my демux.vc.tmp[7]`, `my демux.my демux.vc.tmp[8]`, `my демux.my демux.vc.tmp[9]`, `my демux.out1.a`, `my демux.out1.v`, `my демux.out2.a`, and `my демux.out2.v`.