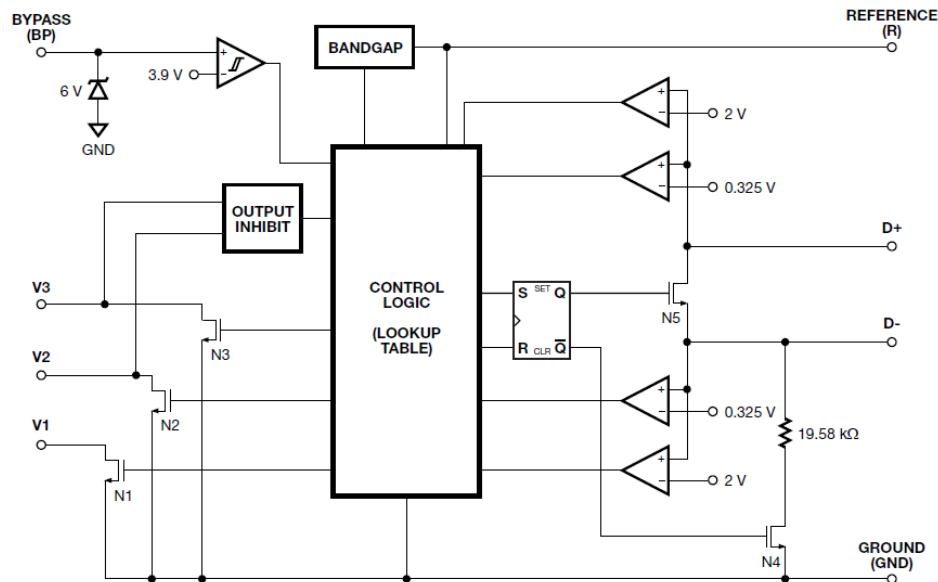


CHY100 Start Monitor D+. If stays ON for at least 1.25s above 0.325 V it enters in QC2.0 Mode

N5 is Turned OFF and N4 turned ON connecting 19.53 Kohm pull-down Resistor to D-

Portable Device then recognizes the DCP as a valid HVDCP and ACKs by forcing DC voltages on D+/D- to request a voltage from the HVDCP

HVDCP outputs 5V,9V,12V, or 20 V until D+ goes low, below Vdat_ref



Portable Device		HVDCP
D+	D-	Adapter Voltage
0.6 V	0.6 V	12 V
3.3 V	0.6 V	9 V
3.3 V	3.3 V	20 V
0.6 V	3.3 V	Reserved
0.6 V	GND	5 V

- 12 V output request is inhibited if V2 is connected to BYPASS Pin
- 20 V output request is inhibited if V3 is connected to BYPASS Pin