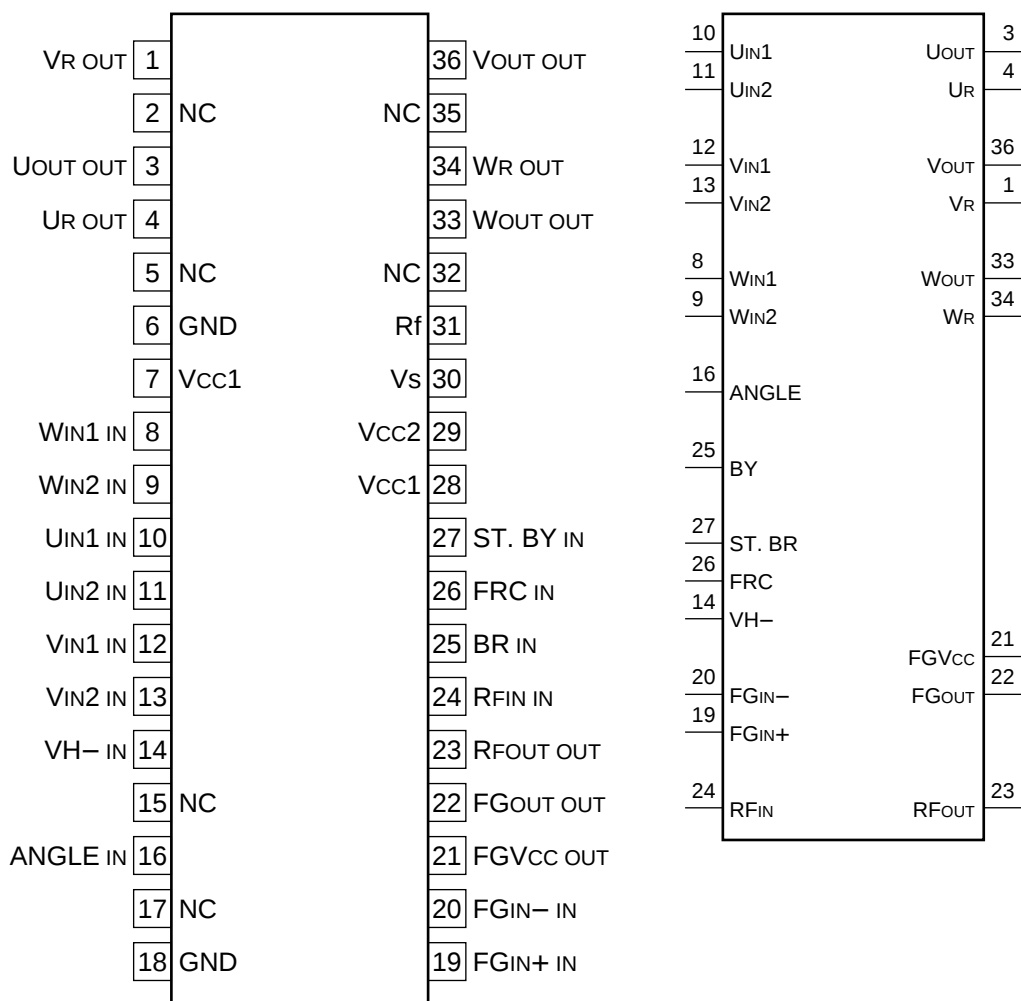


THREE-PHASE BRUSHLESS MOTOR DRIVER FOR 8 MM VCR CAPSTAN MOTOR

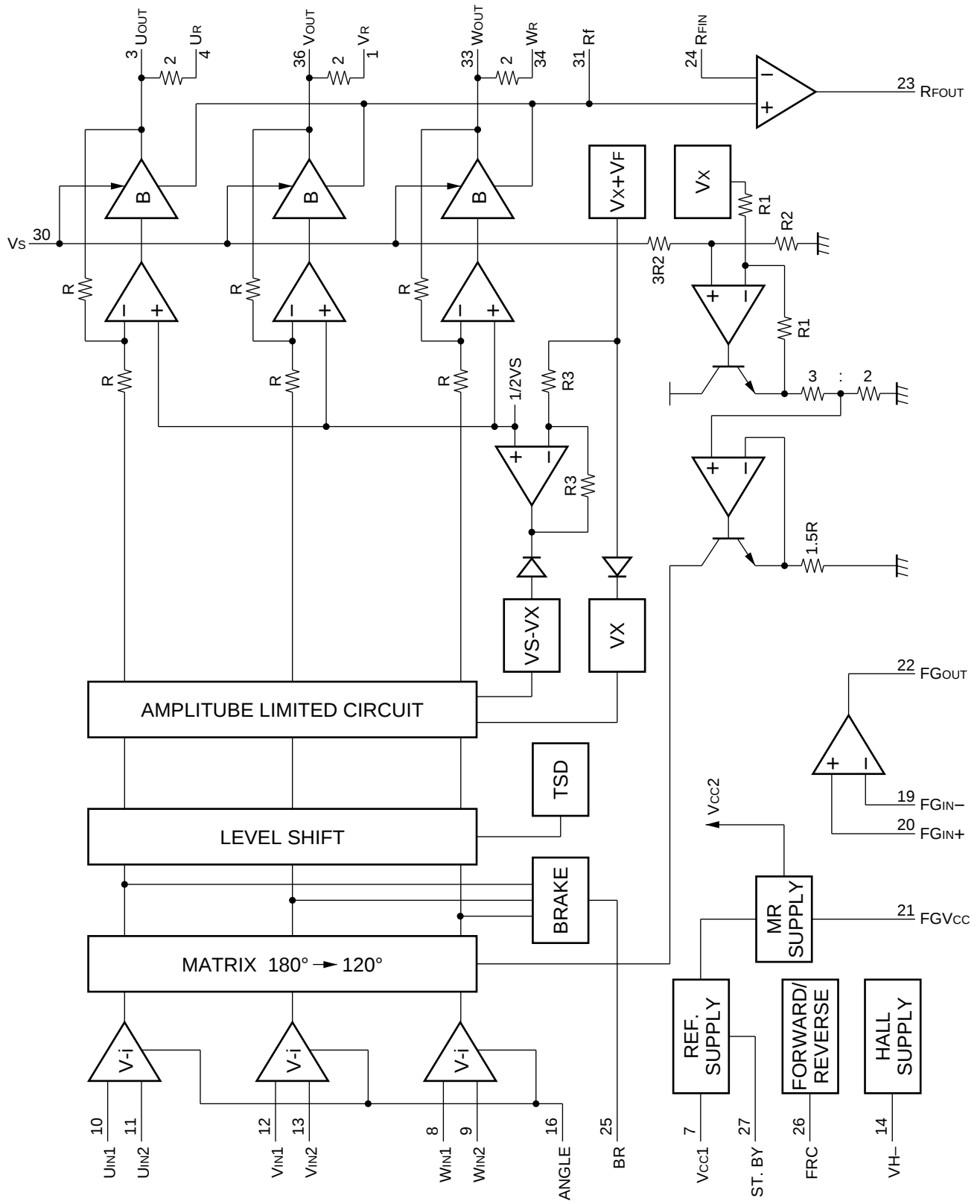
—TOP VIEW—

**INPUT**

ANGLE : GAIN SLOPE
 BR : BRAKE CONTROL
 FGIN-, FGIN+ : FG SIGNAL
 FRC : FORWARD/REVERSE CONTROL
 RFin : RF VOLTAGE DETECT AMP
 ST. BY : MOTOR DRIVE MUTE
 Uin1, Uin2 : U PHASE HALL ELEMENT
 Vin1, Vin2 : V PHASE HALL ELEMENT
 VH- : HALL BIAS CURRENT
 Win1, Win2 : W PHASE HALL ELEMENT

OUTPUT

FGOUT : FG COMPARATOR
 FGVcc : INTERNAL FG POWER
 RFOUT : RF VOLTAGE DETECT AMP
 UOUT : U PHASE
 UR : U PHASE (2 Ω RESISTOR)
 VOUT : V PHASE
 VR : V PHASE (2 Ω RESISTOR)
 WOUT : W PHASE
 WR : W PHASE (2 Ω RESISTOR)



	SOURCE	SINK	INPUT			FORWARD/REVERSE CONTROL F/RC
			U	V	W	
1	W → V		1	1	0	0
	V → W					1
2	W → U		1	0	0	0
	U → W					1
3	V → W		0	0	1	0
	W → V					1
4	U → V		0	1	0	0
	V → U					1
5	V → U		1	0	1	0
	U → V					1
6	U → W		0	1	1	0
	W → U					1

0 : LOW LEVEL

1 : HIGH LEVEL