

## FM Multiplex Stereo Demodulators

Type No.	Use	Circuit Description	Supply Voltage (V)	Electrical Characteristics		Package Outline
$\mu$ PC554C	Car stereo set Home stereo set FM tuner	Stereo demodulator, Stereo/monaural switch (Auto/Manual), Audio muting circuit, and Stereo indicator lamp driver	5.5~15	(Ta = 25°C, VCC = 9V, f = 1kHz, Vi = 200mV)		14-pin DIP Ⓒ
				ICC	~10 ~18 (mA)	
				Sep.	35~45 ~ (dB)	
				Av	~-1.5~ (dB)	
				Ch. B	~0.2 ~2 (dB) Monaural	
				T.H.D.	~0.5 ~1.0 (dB) Monaural	
				Lamp-on	~12 ~22 (mV) Pilot level	
Ri	~20 ~ (k $\Omega$ )					
$\mu$ PC585C	Portable FM stereo radio receiver Cassette-taperecorder with FM radio receiver	Stereo demodulator, Preamplifier, Stereo/monaural switch, and Stereo indicator lamp driver	2.5~9	(Ta = 25°C, VCC = 4V, f = 1kHz, Vi = 100mV)		14-pin DIP Ⓒ
				ICC	3.5~7 ~12 (mA)	
				Sep.	35~45 ~ (dB)	
				Av	~0 ~ (dB) Demodulator stage	
				Ch. B	~0.5 ~2 (dB) Monaural	
				T.H.D.	~0.5 ~1.0 (%) Monaural	
				Lamp-on	~5 ~7.5 (mV) Pilot level	
Ri	~20 ~ (k $\Omega$ )					
Avo	38~43 ~ (dB) Preamplifier stage					
$\mu$ PC587C2	Car stereo set Home stereo set FM tuner	Stereo demodulator PLL system: V.C.O. Phase comparator Divider DC amplifier Stereo/Monaural switch Stereo indicator lamp driver	7~15	(Ta = 25°C, VCC = 10V, f = 1kHz, Vi = 300mV)		14-pin DIP Ⓒ
				ICC	7~13 ~18 (mA)	
				Sep.	35~45 ~ (dB)	
				Av	-9~-6 ~ (dB)	
				Ch. B	-1.5~0 ~1.5 (dB) Monaural	
				T.H.D.	~0.07 ~0.5 (%) Monaural	
				Lamp-on	12~16 ~20 (mV) Pilot level	
Ri	~50 ~ (k $\Omega$ )					
C.R.	$\pm$ 1.5~ $\pm$ 3 ~ (%)					
$\mu$ PC1026C	Car stereo set Home stereo set FM tuner	Stereo demodulator PLL system: V.C.O. Phase comparator Divider DC amplifier Stereo/Monaural switch Stereo indicator lamp driver	7~16	(Ta = 25°C, VCC = 10V, f = 1kHz, Vi = 150mV)		14-pin DIP Ⓒ
				ICC	7~13 ~18 (mA)	
				Sep.	35~45 ~ (dB)	
				Av	-4.5~-1.5~2 (dB)	
				Ch. B	-1.5~0 ~1.5 (dB) Monaural	
				T.H.D.	~0.15 ~0.5 (%) Monaural	
				Lamp-on	5~8 ~11 (mV) Pilot level	
Ri	~50 ~ (k $\Omega$ )					
C.R.	$\pm$ 1.5~ $\pm$ 3 ~ (%)					
$\mu$ PC1161C	Home stereo set FM tuner	Stereo demodulator PLL system: V.C.O. Phase comparator Divider DC amplifier Stereo/Monaural switch	9~15	(Ta = 25°C, VCC = 12V, f = 1kHz, Vi = 300mV)		16-pin DIP Ⓓ
				ICC	12~20 ~30 (mA)	
				Sep.	45~55 ~ (dB)	
				Av	9~13 ~17 (dB)	
				Ch. B	-1.5~0 ~+1.5 (dB) Monaural	
				T.H.D.	~0.02 ~0.1 (%) Monaural	
Lamp-on	6~12 ~20 (mV) Pilot level					