

● Latched drivers for VFD

Type No.	Function	Circuit format	Typical electrical characteristics				Package outline	Remarks
			Supply voltage (V)	Supply current (mA)	output with-stand voltage (V)	High-level output current (mA)		
M56692FP	★★ 32-Bit VFD Grid Driver	Bi-CMOS+CMOS	5	2	90	100	44P6N	
M56693FP	★★ 32-Bit VFD Anode Driver	Bi-CMOS+CMOS	5	1	120	10	44P6N	
M56694FP	★★ 32-Bit VFD Anode Driver	Bi-CMOS+CMOS	5	1	120	10	44P6N	

● LED Drivers

Type No.	Function	Typical electrical characteristics		Package outline	Remarks
		V _{CC} (V)	I _{CC} (mA)		
M51909P	8-Dots LED Level Indicator	9	5	16P4	

● High voltage current drivers

Type No.	Circuit function	Typical electrical characteristics (T _a = 25°C)				Package outline	Remarks
		Input voltage (V)	Input current (mA)	Collector with-stand voltage (V)	Collector current duty ratio (mA)/(%)		
M5248P	4-Unit High Voltage Current Driver with Clamp Diode (Input: "L" Active)	V _{CC} -3.5	-0.35	80	1250/10	16P4	
M5261L	2-Unit High Voltage Current Driver with Clamp Diode (Input: "L" Active)	V _{CC} -3.5	-0.03	80	1250/10	8P5	
M5262L	× 2-Unit High Voltage Current Driver with Clamp Diode (Input: "H" Active)	3.5	0.8	80	1250/10	8P5	
M5265P	4-Unit High Voltage Current Driver with Clamp Diode (Input: "L" Active)	V _{CC} -3.5	-0.03	80	1250/10	16P4	
M5266P	4-Unit High Voltage Current Driver with Clamp Diode (Input: "H" Active)	3.5	0.8	80	1250/10	16P4	
M5269L	2-Unit High Voltage Current Driver with Clamp Diode (Input: "L" Active)	V _{CC} -3.5	-0.03	80	2000/10	8P5	
M5286P	× 4-Unit High Voltage Current Driver with Clamp Diode (Input: "L" Active)	V _{CC} -3.5	-0.35	60	1250/10	16P4	

× : Plan for production discontinue

● Others

Application	Type No.	Function	Typical electrical characteristics		Package outline	Remarks
			V _{CC} (V)	I _{CC} (mA)		
Motor control	M51970L	F-G Servo Control	9	5	8P5	
	M51971L/FP	F-G Servo Control	9	5	10P5/10P2	Built-in FG amplifier
	M59002FP	★★ MOSFET Driver for 3-Phase Full Bridge with Multiprotection, PWM control	12	-	42P2R	H bridge can apply to c
Radio control servo controller	M51660L	Servo Motor Position Control	4.8	3.5	14P5A	TTL

■ LEAK ISOLATIONS

Type No.	Circuit function	Typical electrical characteristics (T _a = 25°C)				Package outline	Remarks
		Supply voltage (V)	Power current (mA)	Input sensitivity (mV)	Output current (mA)		
M54122L	Earth Leakage Current Detector	* 12 (Min)	0.4	13	0.2	8P5	
M54123L	Earth Leakage Current Detector	* 12 (Min)	0.4	6.1	0.2	8P5	
M54124L	Earth Leakage Current Detector	* 12 (Min)	0.5	6.5	0.2	8P5	
M54125P/L	Earth Leakage Current Detector	* 12 (Min)	0.7	6.5	0.2	10P2/14P5A	
M54128FP/L	Earth Leakage Current Detector	7 to 12	0.8	6.5	0.2	14P2N/14P5A	
M54129L	Earth Leakage Current Detector	7 to 12	0.7	6.5	0.2	14P5A	
M54133FP/GP	Earth Leakage Current Detector	7 to 12	0.6	13	0.2	16P2N/16P2E	

* : When latch circuit is off

■ MAGNETIC STRIPE ENCODING CARD READER

Type No.	Circuit function	Circuit format	Typical electrical characteristics (T _a = 25°C)				Package outline
			Supply voltage (V)	Circuit current		"L" Output Current (mA)	
				Standing (mA)	Active (mA)		
M56710FP	F2F Magnetic Stripe Encoding Card Reader	Bi-CMOS	5	0.7	1.9	5	20P2N