

AUTOMOBILE/INDUSTRIAL LAN

Application	Type No.	Function	Typical electrical characteristics		Package outline	Remarks
			V _{CC} (V)	I _{CC} (mA)		
LAN Transmission controller for general industry machine	M64105P	41.8Kbps/125Kbps PWM CSMA/CD Communication Controller	5	10	20P4	
LAN Transmission controller into the car	M64100TFP	41.8Kbps/125Kbps PWM CSMA/CD Communication Controller	5	10	44P6N	
LAN Transmission controller into the car	M64101TP ★★	41.8Kbps/125Kbps PWM CSMA/CD Communication Controller	5	10	20P4	
LAN Transceiver into the car	M59330P	With Bus Unusual Detect Function	5	52	8P4	
LAN Transceiver for general industry	M54617P	With Bus Unusual Detect Function	5	52	8P4	

CROSS-POINT SWITCH

Function	Type No.	Package Outline	Wafer Process	Features	Usage/Field
With mixing function 8×4 cross point switch	M66260FP	24P2N-B	CMOS	<ul style="list-style-type: none"> ● Permits analog signal change/mixing ● Includes mixing resistance ● Serial data input 	● Wireless telephone
With mixing function 6×5 cross point switch	M66261FP	24P2N-B	CMOS	<ul style="list-style-type: none"> ● Permits analog signal change/mixing ● Includes mixing resistance ● Serial data input ● Circuit security function when power failure 	● Wireless telephone

9 FOR AUTOMOBILE

Type No.	Function	Typical electrical characteristics			Package outline	Remarks
		V _{CC} (V)	I _{CC} (mA)	Operating ambient temperature range		
M59310L	MOSFET Driver for Bi-Directional Motor with stop up converter	12	—	-40 to 85	12P5	
M59320FP	DC/DC Converter	12	±1000	-40 to 85	14P2N	
M52576TFP	MOSFET Driver for H-Bridge & 1 Highside Switch with Multiprotection	12	—	-40 to 105	36P2R	
M59350FP ★	Watch Dog Timer with 5V Regulator	12	9	-40 to 85	14P2N	2 system output V _{IN} =6 to 36
M59002FP ★★	MOSFET Driver for 3-Phase Full Bridge with Multiprotection, PWM control	12	—	-40 to 105	42P2R	H bridge can apply too.

10 MULTI-MEDIA

IMAGE COMPRESSION/DECOMPRESSION

Type No.	Circuit function	Typical electrical characteristics			Package outline	Remarks
		Supply voltage (V)	Supply current (mA)	Max. frequency (MHz)		
M64407FP ★	Demodulation & ECC for DVD-ROM (player)	5,3.3	—	27 (typ)	100P6S-C	
M65726J	MOTION ESTIMATION	5	200	20	84P0	
M65727FP	MPEG2 Encoder (MOTION ESTIMATION 2)	3.3	—	40.5	152P6T	
M65761FP	JBIG (QM-Coder) LSI (Conform to ITU-T85)	5.0	—	20	100P6S-A	
M65762FP ★★	High speed version JBIG (QM-Coder) LSI	5.0	—	40	144P6Q	
M65773FP ★★	MPEG2 Decoder for DVD-player	3.3	—	27	160P6	
M65775FP ★★	MPEG1 VIDEO/AUDIO 1 CHIP DECODER	5, 3.3	500	27	160P6X	
M65790FP	FBTC TYPE IMAGE COMPRESSION/DECOMPRESSION	5	—	20	160P6C	
M65862FP	MPEG1 AUDIO DECODER	5	—	30	44P6N	