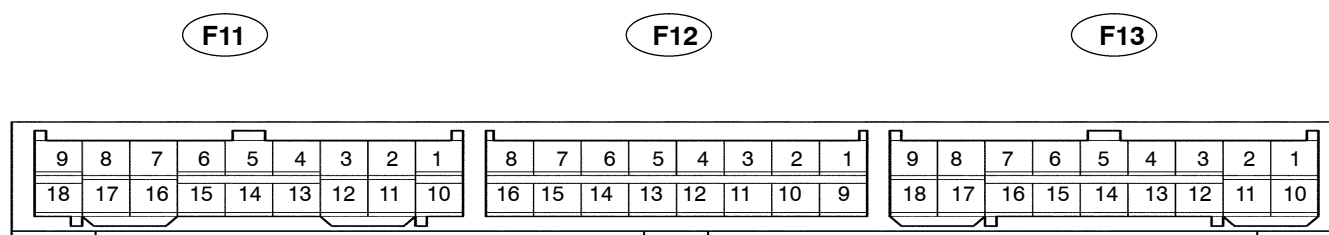


# TERMINALS OF ECU

## PASSENGER DOOR ECU



I03225

Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
CPUB ↔ GND (F13-11 ↔ F13-17) (*1) F13-12 ↔ F13-12) (*2)	G-W ↔ W-B	Constant	10 – 14 V
BDR ↔ GND (F11-1 ↔ F13-17 (*1), 12(*2))	L-,B ↔ W-B	Constant	10 – 14 V
CTYB ↔ GND (F11-10 ↔ F13-17(*1), 12 (*2))	R-Y ↔ W-B	Constant	10 – 14 V
SIG ↔ GND (F13-2 ↔ F13-17(*1), 12(*2))	B-R ↔ W-B	Ignition switch position is ON.	10 – 14 V
GND ↔ Body Ground (F13-17(*1), 12(*2) ↔ Body Ground)	W-B ↔ Body Ground	Constant	Below 1 V
MM ↔ GND (F13-4 ↔ F13-17(*1), 12(*2))	GR ↔ W-B	Set switch position is OFF.	10 – 14 V
		Set switch position is ON.	Below 1 V
M1 ↔ GND (F13-15 ↔ F13-17(*1), 12(*2))	P ↔ W-B	Memory Switch 1 position is OFF.	10 – 14 V
		Memory Switch 1 position is ON.	Below 1 V
M2 ↔ GND (F13-14 ↔ F13-17(*1), 12(*2))	P-B ↔ W-B	Memory Switch 2 position is OFF.	10 – 14 V
		Memory Switch 2 position is ON.	Below 1 V
CTY ↔ GND (F12-15 ↔ F13-17(*1), 12(*2))	R-G ↔ W-B	Driver door closed.	10 – 14 V
		Driver door opened.	Below 1 V
KL ↔ GND (F11-4 ↔ F13-17(*1), 12(*2))	P-B ↔ W-B	Door key lock and unlock switch position is OFF.	Below 1 V
		Door key lock and unlock switch position is LOCK.	10 – 14 V
KUL ↔ GND (F11-5 ↔ F13-17(*1), 12(*2))	P-G ↔ W-B	Door key lock and unlock switch position is OFF.	Below 1 V
		Door key lock and unlock switch position is UNLOCK.	10 – 14 V
CYL ↔ GND (F11-12 ↔ F13-17(*1), 12(*2))	R-W ↔ W-B	Constant	10 – 14 V

Symbols (Terminals No.)	Wiring Color	Condition		STD Voltage (V)
MUP ↔ GND (F12-5 ↔ F13-17(*1), 12(*2))	L-W ↔ W-B	Ignition switch position is ON. Power window switch (Front passenger side)* position	OFF	Below 1 V
			UP	10 – 14 V
MDN ↔ GND (F12-4 ↔ F13-17(*1), 12(*2))	L-B ↔ W-B	Ignition switch position is ON. Power window switch (Front passenger side)* position	OFF	Below 1 V
			DOWN	10 – 14 V
ML ↔ GND (F11-6 ↔ F13-17(*1), 12(*2))	LG-B ↔ W-B	Door lock control switch* position	OFF	10 – 14 V
			LOCK	Below 1 V
MUL ↔ GND (F11-7 ↔ F13-17(*1), 12(*2))	LG-R ↔ W-B	Door lock control switch* position	OFF	10 – 14 V
			UNLOCK	Below 1 V
WLSW ↔ GND (F12-7 ↔ F13-17(*1), 12(*2))	Y-G ↔ W-B	Window lock switch* position	UNLOCK	Below 1 V
			LOCK	10 – 14 V
UP ↔ GND (F11-2 ↔ F13-17(*1), 12(*2))	R ↔ W-B	Power window (Front passenger side) is not operating.		Below 1 V
		Power window (Front passenger side) is operating upward.		10 – 14 V
DN ↔ GND (F11-11 ↔ F13-17(*1), 12(*2))	G ↔ W-B	Power window (Front passenger side) is not operating.		Below 1 V
		Power window (Front passenger side) is operating downward.		10 – 14 V
DMVR ↔ GND (F13-8 ↔ F13-17(*1), 12(*2))	LG-B ↔ W-B	Outside rear view mirror (Front passenger side) is not operating.		Below 1 V
		Outside rear view mirror (Front passenger side) is operating to down or right.		
		Outside rear view mirror (Front passenger side) is operating to up.		10 – 14 V
DM+R ↔ GND (F13-7 ↔ F13-17(*1), 12(*2))	LG-R ↔ W-B	Outside rear view mirror (Front passenger side) is not operating.		Below 1 V
		Outside rear view mirror (Front passenger side) is operating to up or left.		
		Outside rear view mirror (Front passenger side) is operating to down or right.		10 – 14 V
DMHR ↔ GND (F13-16 ↔ F13-17(*1), 12(*2))	LG ↔ W-B	Outside rear view mirror (Front passenger side) is not operating.		Below 1 V
		Outside rear view mirror (Front passenger side) is operating to up or left.		
		Outside rear view mirror (Front passenger side) is operating to left.		10 – 14 V
A+ ↔ GND (F11-8 ↔ F13-17 (*1), 12 (*2))	G-R ↔ W-B	Power door lock (Front passenger side) is not operating.		Below 1 V
		Power door lock (Front passenger side) is operating to unlock.		10 – 14 V
		Power door lock (Front passenger side) is operating to lock.		
A- ↔ GND (F11-17 ↔ F13-17(*1), 12(*2))	G-B ↔ W-B	Power door lock (Front passenger side) is not operating.		Below 1 V
		Power door lock (Front passenger side) is operating to lock.		10 – 14 V
		Power door lock (Front passenger side) is operating to lock.		
LSW ↔ GND (F11-3 ↔ F13-17(*1), 12(*2))	GR ↔ W-B	Driver door is locked.		10 – 14 V
		Driver door is unlocked.		Below 1 V
DVC ↔ GND (F12-8 ↔ F13-17(*1), 12(*2))	R ↔ W-B	Ignition switch position is OFF. After 30 seconds from door is closed.		Below 1 V
		Ignition switch position is ON.		4 – 6 V

\*: Power Window Master Switch

## DIAGNOSTICS – PASSENGER DOOR CONTROL SYSTEM

Symbols (Terminals No.)	Wiring Color	Condition		STD Voltage (V)
DT1 ↔ GND (F12-3 ↔ F13-17(*1), 12(*2))	GR-G ↔ W-B	Ignition switch position is ON. Power window switch (FrRH) position	OFF	10 – 14 V
			UP	Below 1 V
			DOWN	Below 1 V
			AUTO	Below 1 V
DT2 ↔ GND (F12-2 ↔ F13-17(*1), 12(*2))	GR-R ↔ W-B	Ignition switch position is ON. Power window switch (RrRH) position	OFF	10 – 14 V
			UP	Below 1 V
			DOWN	Below 1 V
			AUTO	Below 1 V
DT1 ↔ GND (F12-1 ↔ F13-17(*1), 12(*2))	GR-G ↔ W-B	Ignition switch position is ON. Power window switch (RrFront passenger side) position	OFF	10 – 14 V
			UP	Below 1 V
			DOWN	Below 1 V
			AUTO	Below 1 V
LMT ↔ GND (F12-12 ↔ F13-17(*1), 12(*2))	W-G ↔ W-B	Window full-close position		10 – 14 V
		Except window full-close position		Below 1 V
PLS ↔ GND (F12-13 ↔ F13-17(*1), 12(*2))	W ↔ W-B	During the power window is operation.		Pulse Generation
		Power window is not operated.	SW ON	Below 1 V
			SW OFF	10 – 14 V
A1+ ↔ GND (F13-9 ↔ F13-12) (*2)	G-R ↔ W-B	Front passenger side double lock is not operating		Below 1 V
		Front passenger side double lock is operating to unset		Below 1 V
		Front passenger side double lock is operating to set		Below 1 V
A1- ↔ GND (F13-18 ↔ F13-12) (*2)	G-B ↔ W-B	Front passenger side double lock is not operating		10 – 14 V
		Front passenger side double lock is operating to unset		10 – 14 V
		Front passenger side double lock is operating to set		Below 1 V
VSSR ↔ PE2 (F11-1 ↔ F13-13)	Y-R (*1) ↔ W-B B-O (*2) ↔ W-B	Front passenger side outer rear view mirror moves upper most position		Below 2 V
		Front passenger side outer rear view mirror moves lower most position		4 – 6 V
HSSR ↔ PE2 (F11-10 ↔ F13-13)	B-O (*1) ↔ W-B Y-R (*2) ↔ W-B	Front passenger side outer rear view mirror moves left most position		Below 2 V
		Front passenger side outer rear view mirror moves right most position		4 – 6 V
DBLS ↔ GND (F13-5 ↔ F13-12) (*2)	W ↔ W-B	Front passenger side door double lock is set		10 – 14 V
		Front passenger side door double lock is not unset		10 – 14 V
WR- ↔ GND (*2) (F13-9 ↔ F13-1)	GR ↔ W-B	Outer rear view mirror retract switch OFF		Below 1V
		Outer rear view mirror retract switch ON		10 – 14 V
WR+ ↔ GND (*2) (F13-18 ↔ F13-17)	Y ↔ W-B	Outer rear view mirror retract switch OFF		Below 1V
		Outer rear view mirror retract switch ON		10 – 14 V
MPX1 (F13-9)	O	Multiplex communication system		–
MPX2 (F13-18)	L	Multiplex communication system		–

(\*1): w/o Double locking system

(\*2): w/ Double locking system

(\*3): G.C.C. countries