# FEATURING

Halsey

# PRODUCERS

Arcades, Bad Milk, DJ Swivel, Fred Gibson, Hiss Noise, ”hitman” Bang, j-hope, Julia Ross, Krysta Youngs, Lauren Dyson, Marcus McCoan, Pdogg, RM, Roman Campolo, 송재경 (Song Jae Kyung), Suga (BTS), Supreme Boi & Tushar Apte

# WRITERS

Bengy Gibson, Camila Anne Stewart, Camilla Anne Stewart, Candace Sosa, DJ Swivel, Ed Sheeran, Emily Weisband, Fred Gibson, Halsey, Hiss Noise, ”hitman” Bang, j-hope, Jo Hill, Julia Ross, Krysta Youngs, Lauren Dyson, Marcus McCoan, Matt Thomson, Matty Thomson, Max Lynedoch Graham, Melanie Fontana, Melanie Joy Fontana, Michel Schulz, Owen Roberts, Pdogg, RM, Roman Campolo, Ryan Lawrie, 송재경 (Song Jae Kyung), Suga (BTS), Supreme Boi & Tushar Apte

# ART DIRECTION

Bona Kim (MU:E) & JinSil Park (MU:E)

# art management

Bang Minwook, Kim Dae Young, Kim Se Jin (김세진), Kim Sin-Gyu, Kim Su-Bin (김수빈), Lee Jung-min, Park Juntae & An Da Sol

# art production

Il ho heo

# assistant art director

Gyuhee Kim (MU:E), Lee Hyun Seung & Yemin Ahn

# Assistant Director

Guzza, HyeJeong Park (Lumpens) & Jihye Yoon

# chorus

Adora, Halsey, j-hope, Jungkook (BTS), Marcus McCoan, Matt Thomson, Max Graham, Melanie Joy Fontana, RM & Ryan Lawrie

# composed by

j-hope, Julia Ross, Krysta Youngs, Lauren Dyson, Pdogg, RM, Roman Campolo, 송재경 (Song Jae Kyung), Suga (BTS), Supreme Boi & Tushar Apte

# composer

Camilla Anne Stewart, Candace Sosa, DJ Swivel, Emily Weisband, Halsey, ”hitman” Bang, j-hope, Marcus McCoan, Matt Thomson, Matty Thomson, Max Lynedoch Graham, Melanie Fontana, Melanie Joy Fontana, Michel Schulz, Owen Roberts, Pdogg, RM, Ryan Lawrie & Suga (BTS)

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# Digital Editing

Adora, EL CAPITXN, Hiss Noise, Pdogg & Supreme Boi

# director

YongSeok Choi (Lumpens)

# Drum Editing

Fred Gibson

# Gaffer

HyunSuk Song (Real Lighting)

# Gang Vocals

Adora, BTS, Hiss Noise, j-hope, Pdogg, RM & Supreme Boi

# Guitar

Hiss Noise, Lee Tae Wook, Matt Thomson, Max Graham & Phil X

# Keyboard

Fred Gibson, Hiss Noise, Marcus McCoan, Matt Thomson, Max Graham, Owen Roberts & Pdogg

# Percussion

Marcus McCoan, Matt Thomson, Max Graham & Owen Roberts

# Performer

Halsey, j-hope, Jimin (BTS), Jin (BTS), Jungkook (BTS), RM, Suga (BTS) & V (BTS)

# Programmer

Marcus McCoan, Matt Thomson, Max Graham & Owen Roberts

# Programming

Fred Gibson

# Recording Engineer

Adora, Alex Williams (I), Hiss Noise, Kim Ji-Eun, Michel Schulz, Park Jin Se, Pdogg & RM

# Recording Engineers

Adora, Hiss Noise, Pdogg, Phil X, RM & Supreme Boi

# Synthesizer

Fred Gibson, Hiss Noise & Pdogg

# Video Director Of Photography

HyunWoo Nam(GDW)

# Visual Creative

Kim Ga Eun, Kim Sung Hyun, Lee Hye Ri & Lee Sung Kyung

# Vocal Arrangement

Pdogg

# Vocal Arranger

Pdogg

# Vocals

RM

# Vocoder

Matt Thomson & Max Graham